REGION VIII
DATA VALIDATION REPORT
ORGANICS - VOA, BNA, and PEST/PCB

Case No. / TDD No.	Site Name		Operable Unit
33461 / 0501-0004	Spanish Fork Salvage Yard		
RPM/OSC Name			
Luke Chavez			
Contractor Laboratory	**Contract No.**	**SDG No.**	**Laboratory DPO/Region**
Ceimic Corporation	68-W-03-018	H1BW2	

Review Assigned Date January 14, 2005 Data Validator Amy Ballow
Review Completion Date January 28, 2005 Report Reviewer Bill Fear

Sample ID	Station Location	Matrix	Analysis
H1BW2	SFSY-SW-04	Water	CLP - Volatile, Semivolatile, and Pesticide/PCB Analyses
H1BW3	SFSY-SW-05		CLP - Volatile Analyses
H1BW4	SFSY-SW-06		
H1BX5	SFSY-SW-01		CLP - Volatile, Semivolatile, and Pesticide/PCB Analyses
H1BX6	SFSY-SW-02		
H1BX7	SFSY-SW-03		

DATA QUALITY STATEMENT

( ) Data are ACCEPTABLE according to EPA Functional Guidelines with no qualifiers (flags) added by the reviewer.
( ) Data are UNACCEPTABLE according to EPA Functional Guidelines.
(X) Data are acceptable with QUALIFICATIONS noted in review.

Telephone/Communication Logs Enclosed? Yes _____ No ___X_____

TPO Attention Required? Yes ___X___ No _____ If yes, list the items that require attention:

- According to the case narrative, sample H1BW3 was received with a pH of 7. This sample was not considered to be properly preserved. The sample was analyzed eight days after the collection time and the seven day technical holding time for unpreserved water samples was not met. All aromatic volatile results for sample H1BW3 were qualified as estimated (J/UJ).

- The water samples H1BX5, H1BX6, and H1BW7 were extracted outside of the seven day technical holding time. All semivolatile results for these samples were qualified as estimated (J/UJ).

- The water samples H1BX5 and H1BX6 were extracted outside of the seven day holding time. All pesticide/PCB results for these samples were qualified as estimated (J/UJ).

ORGANIC DATA VALIDATION REPORT

REVIEW NARRATIVE SUMMARY

This data package was reviewed according to the EPA document "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review," October 1999.

Raw data were reviewed for completeness and transcription accuracy onto the summary forms. Approximately 10-20% of the results reported in each of the samples, calibrations, and QC analyses were recalculated and verified. If problems were identified during the recalculation of results, a more thorough calculation check was performed.

Case No. 33461, SDG No. H1BW2 consisted of six water samples for volatile CLP organic analyses, four water samples for semivolatile CLP organic analyses and four water samples for pesticide/PCB CLP organic analyses.

The laboratory performed the required library search on all non-target sample components. TICs reported in both samples and blanks were rejected (R).

The following tables list data qualifiers added to the data. (Please see Data Qualifier Definitions, attached to the end of this report.)

Sample Number	Volatile Compound	Qualifier	Reason For Qualification	Review Section
H1BW3	All aromatic volatile compounds	J/UJ	Technical holding time exceeded	2
All samples	Dichlorodifluoromethane Acetone 2-Butanone		Continuing calibration %D > 25%	4
	Acetone Methylene chloride	U	Blank contamination	8

Sample Number	Semivolatile Compound	Qualifier	Reason for Qualification	Review Section
H1BX5, H1BX6, H1BX7	All semivolatile compounds	J/UJ	Extraction holding time exceeded	2
H1BW2, H1BX5, H1BX6, H1BX7 (All semivolatile samples)	Hexachlorocyclopentadiene 2-4-Dinitrophenol		Initial calibration %RSDs >30%	4
	Benzaldehyde 2,4-Dinitrophenol 4,6-Dinitro-2-methylphenol		Continuing calibration %D > 25%	

Sample Number	Pesticide Compound	Qualifier	Reason For Qualification	Review Section
H1BX5, H1BX6	All pesticide/PCB compounds	J/UJ	Extraction holding time exceeded	2

Method Number OLM04.3
Revision _____

Organic Data Completeness Checklist
VOA

Quality Control Summary Package
- P Surrogate Recovery Summary
- NA MS/MSD Summary
- P Method Blank Summary
- P GC/MS Tuning and Mass Calibration

Sample Data Package
- P Holding Times (CLASS Sample Traffic Reports/UOS Chain-of-Custody)
- P Organic Analysis Data Sheets
- P Reconstructed Ion Chromatogram(s) (RIC)
- P Quantitation Reports
- P Mass Spectral Data
- P Mass Spectral Library Search for TICs

Standards Data Package
- NR Current List of Laboratory/Instrument Detection Limits
- P Initial Calibration Data for each instrument
- P Continuing Calibration Data for each instrument
- P Internal Standard Area Summary
- P VOA Standards RICs
- P VOA Standards Quantitation Reports

Raw QC Package
- P BFB mass spectra and mass listings

Reagent Blank Data
- P Organic Analysis Data Sheets
- P RIC or Total Ion Chromatogram
- P Quantitation Reports
- P Mass Spectral Data
- P Library Search for TICs

Matrix Spike/Matrix Spike Duplicate Data
- NA Organic Analysis Data Sheets
- NA RIC
- NA Quantitation Reports
- NA Mass Spectral Data
- NA Library search for TICs

KEY:
- P = Provided in original data package
- R = Provided as resubmission
- NP = Not provided in original data package or as resubmission
- NR = Not required
- NA = Not applicable to this data package or analysis

1. DELIVERABLES

All deliverables were present as specified in the subcontract.

VOA: Yes_X_ No___

Comments: None.

2. HOLDING TIMES AND PRESERVATION CRITERIA

All method holding times were met.

VOA: Yes_X_ No___

Comments: The samples were analyzed within five days from sample receipt at the laboratory.

All technical holding times and preservation criteria were met.

VOA: Yes___ No_X_

Comments: According to the case narrative, sample H1BW3 was received with a pH of 7 and was not considered to be properly preserved. Although the case narrative did indicate the technical holding time was met for this sample, sample H1BW3 was not analyzed within the seven day unpreserved water holding time. The following table lists the sample analyzed outside technical holding time, days outside holding time, and qualifiers added to the data:

Associated Sample	Days Analyzed Outside Technical Holding Time	Compounds	Qualifiers
H1BW3	1	All aromatic volatile compounds	J/UJ

All other water samples were preserved at a pH < 2 and were analyzed within 14 days from sample collection. The sample coolers were received within the 4 ± 2 °C criteria. No other shipping or receiving problems were noted. Chain-of-custody, summary forms, and raw data were evaluated.

3. BFB PERFORMANCE RESULTS

The bromofluorobenzene (BFB) performance results were within the specified control limits. All appropriate BFB results were included.

VOA: Yes_X_ No___

Comments: BFB instrument performance checks were run for each 12 hours of analysis. Ion abundance criteria were met and were verified from raw data.

4. INSTRUMENT CALIBRATIONS: INITIAL AND CONTINUING STANDARDS

Initial instrument calibrations were performed according to method requirements and met the specified control limits listed in the Functional Guidelines.

VOA: Yes_X_ No___

Comments: Initial calibration standards containing both volatile target compounds and surrogate compounds were analyzed at the required frequency. The percent relative standard deviations (%RSDs) for the target compounds were less than or equal to 30%. The average relative response factors (RRFs) for all target compounds and surrogate compounds were greater than or equal to 0.05. Summary forms and raw data were evaluated.

Continuing instrument calibrations were performed according to method requirements and met specified control limits listed in the Functional Guidelines.

VOA: Yes___ No_X_

Comments: Continuing calibration standards containing both target compounds and surrogate compounds were analyzed at the beginning of each 12-hour analysis period. The average RRFs for all target compounds and surrogate compounds were greater than or equal to 0.05. Summary forms and raw data were evaluated.

The following table lists the percent differences (%Ds) for compounds that were greater than 25% in the continuing calibrations and the qualifiers added to the data:

Compound	%D	Associated Samples	Qualifiers
Dichlorodifluoromethane Acetone 2-Butanone	54.0 30.9 26.2	All samples	J/UJ

5. SURROGATE COMPOUND RECOVERY

Surrogate compound recovery analysis was performed according to method requirements and results met specified control limits.

VOA: Yes_X_ No___

Comments: Surrogate compounds were added to all samples and blanks. The surrogate percent recoveries (%Rs) were all within the QC limits. Summary forms and raw data were evaluated.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix Spike/Matrix Spike Duplicate (MS/MSD) analyses were performed according to method requirements and results met recommended recovery and precision limits.

VOA: Yes___ No___ NA_X_

Comments: MS/MSD analyses were not performed for the volatile samples in this SDG. No action is taken based solely on MS/MSD data.

7. INTERNAL STANDARD AREA

Internal standard area analysis was performed according to method requirements and results met specified control limits.

VOA: Yes_X_ No___

Comments: Internal standard area counts did not vary by more than a factor of two from the associated 12-hour calibration standard. The internal standard retention times did not vary more than ± 30 seconds from the retention time of the associated 12-hour calibration standards. Summary forms and raw data were evaluated.

8. LABORATORY BLANK ANALYSIS RESULTS

The laboratory blank analysis was performed according to method requirements and results met specified limits.

VOA: Yes___ No_X_

Comments: Method blank analyses were performed after the calibration standards and once for every 12-hour time period beginning with a BFB analysis. A storage blank (VHBLK01) was also analyzed. Summary forms and raw data were evaluated.

Contamination was detected in the volatile blanks as summarized in the following table. Quantitation limits in the associated samples were raised in accordance with the rules set forth in the "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review," October 1999.

Blank Target Compounds

Blank ID	Contaminant	Concentration Found in Blank (ug/L)	Associated Samples	Concentration Found in Sample (ug/L)	Qualifier/ Adjustment
VBLKPZ	Acetone	6	H1BW2	33	U
			H1BW3	18	U
			H1BW4	25	U
			H1BX5	27	U
			H1BX6	22	U
			H1BW7	27	U
	Methylene chloride	3	H1BW2	6 J	10 U
			H1BW3	6 J	10 U
			H1BW4	6 J	10 U
			H1BX5	6 J	10 U
			H1BX6	5 J	10 U
			H1BX7	5 J	10 U

Acetone and methylene chloride were also reported in storage blank, VHBLK01; however, no additional qualification was required.

A detected result for 1,2-dibromo-3-chloropropane was reported in the method blank at 2 ug/L. No action was necessary, as this compound was not detected in the samples. Tentatively identified compounds (TICs) were not reported in the method or storage blanks.

9. SAMPLE RESULTS

The sample results were reviewed and all compound identifications were acceptable and met contract requirements.

VOA: Yes_X_ No___

Comments: Sample relative retention times (RRTs) were within ± 0.06 RRT units of the standard RRT. Ions present in the standard mass spectrum at a relative intensity greater than 10% were present in the sample spectrum. Relative intensities of ions agreed within ± 20% between standard and sample spectra.

TICs were qualitatively assessed by a mass spectral library search. Only one TIC was reported for sample H1BX7 and this TIC was identified as an unknown compound and a TICs CAS number was not assigned by the laboratory.

10. Additional Comments or Problems/Resolutions Not Addressed Above

VOA: Yes___ No_X_

Comments: None.

Method Number OLM04.3
Revision ____

Organic Data Completeness Checklist
BNA

Quality Control Summary Package
- P Surrogate Recovery Summary
- NA MS/MSD Summary
- P Method Blank Summary
- P GC/MS Tuning and Mass Calibration

Sample Data Package
- P Holding Times (CLASS Sample Traffic Reports/UOS Chain-of-Custody)
- P Organic Analysis Data Sheets
- P Reconstructed Ion Chromatogram(s) (RIC)
- P Quantitation Reports
- P Mass Spectral Data
- P Mass Spectral Library Search for TICs

Standards Data Package
- NR Current List of Laboratory/Instrument Detection Limits
- P Initial Calibration Data for each instrument
- P Continuing Calibration Data for each instrument
- P Internal Standard Area Summary
- P BNA Standards RICs
- P BNA Standards Quantitation Reports

Raw QC Package
- P DFTPP mass spectra and mass listings

Reagent Blank Data
- P Organic Analysis Data Sheets
- P RIC or Total Ion Chromatogram
- P Quantitation Reports
- P Mass Spectral Data
- P Library Search for TICs

Matrix Spike/Matrix Spike Duplicate Data
- NA Organic Analysis Data Sheets
- NA RIC
- NA Quantitation Reports
- NA Mass Spectral Data
- NA Library search for TICs

KEY:
- P = Provided in original data package
- R = Provided as resubmission
- NP = Not provided in original data package or as resubmission
- NR = Not required
- NA = Not applicable to this data package or analysis

1. DELIVERABLES

All deliverables were present as specified in the subcontract.

BNA: Yes_X_ No___

Comments: None.

2. HOLDING TIMES AND PRESERVATION CRITERIA

All method holding times were met.

BNA: Yes_X_ No___

Comments: The samples in this SDG were extracted within five days from sample receipt at the laboratory.

All holding times and preservation criteria were met.

BNA: Yes___ No_X_

Comments: The water sample extracts were analyzed within 40 days of extraction. The sample coolers were received within the temperature criteria of 4 ± 2 °C. No shipping or receiving problems were noted. Chain-of-custody, summary forms, and raw data were evaluated.

Samples H1BX5, H1BX6, and H1BX7 were extracted outside of the seven day water holding time. The following table lists the samples extracted outside technical holding times, days outside holding time, and qualifiers added to the data:

Associated Samples	Days Extracted Outside Technical Holding Time	Compounds	Qualifiers
H1BX5 H1BX6 H1BX7	3 2 1	All semivolatile compounds	J/UJ

3. DFTPP PERFORMANCE RESULTS

The decafluorotriphenylphosphine (DFTPP) performance results were within the specified control limits. All appropriate DFTPP results were included.

BNA: Yes_X_ No___

Comments: Instrument performance check solutions were analyzed at the beginning of each 12-hour period of sample analysis. Ion abundance criteria were met and were verified from raw data.

4. INSTRUMENT CALIBRATIONS: INITIAL AND CONTINUING STANDARDS

Initial instrument calibrations were performed according to method requirements and met the specified control limits listed in the Functional Guidelines.

BNA: Yes___ No_X_

Comments: Initial calibration standards containing both target compounds and surrogate compounds were analyzed at the required frequency. The average relative response factors (RRFs) for all target compounds and surrogate compounds were greater than or equal to 0.05. Summary forms and raw data were evaluated.

The following table lists the percent relative standard deviations (%RSDs) that exceeded 30% and qualifiers added to the data:

Compound	%RSD	Associated Samples	Qualifiers
Hexachlorocyclopentadiene 2-4-Dinitrophenol	30.3 35.6	H1BW2, H1BX5, H1BX6, H1BX7 (All semivolatile samples)	J/UJ

Continuing instrument calibrations were performed according to method requirements and met specified control limits listed in the Functional Guidelines.

BNA: Yes___ No_X_

Comments: Continuing calibration standards containing both target compounds and surrogate compounds were analyzed at the beginning of each 12-hour analysis period. The RRFs for all target compounds and surrogate compounds were greater than or equal to 0.05. Summary forms and raw data were evaluated.

The following table lists the percent differences (%Ds) that exceeded 25% and the qualifiers added to the data:

Compound	%D	Associated Samples	Qualifiers
Benzaldehyde 2,4-Dinitrophenol 4,6-Dinitro-2-methylphenol	27.2 31.0 30.1	H1BW2, H1BX5, H1BX6, H1BX7 (All semivolatile samples)	J/UJ

5. SURROGATE COMPOUND RECOVERY

Surrogate compound recovery analysis was performed according to method requirements and results met specified control limits.

BNA: Yes_X_ No___

Comments: Surrogate compounds were added to all samples and blanks. All recoveries were within QC limits. Summary forms and raw data were evaluated.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix Spike/Matrix Spike Duplicate (MS/MSD) analyses were performed according to method requirements and results met recommended recovery and precision limits.

BNA: Yes___ No___ NA_X_

Comments: MS/MSD analyses were not performed for the semivolatile samples in this SDG. No action is taken based solely on MS/MSD data.

7. INTERNAL STANDARD AREA

Internal standard area analysis was performed according to method requirements and results met specified control limits.

BNA: Yes_X_ No___

Comments: The internal standard retention times did not vary more than ± 30 seconds from the retention time of the associated 12-hour calibration standards. Internal standard area counts did not vary by more than a factor of two from the associated 12-hour calibration standard for the sample analyses. Summary forms and raw data were evaluated.

8. LABORATORY BLANK ANALYSIS RESULTS

The laboratory blank analysis was performed according to method requirements and results met specified control limits.

BNA: Yes_X_ No___

Comments: Method blanks were reported per matrix, per concentration level, and for each extraction batch. Target compounds were not detected in the semivolatile blank. Summary forms and raw data were evaluated.

One tentatively identified compound (TIC) was reported in method blank at a retention time of 7.43 minutes. This TIC was reported in all the semivolatile samples and the TIC was qualified as rejected (R).

9. SAMPLE RESULTS

The sample results were reviewed and all compound identifications were acceptable and met contract requirements.

BNA: Yes_X_ No___

Comments: Sample relative retention times (RRTs) were within ± 0.06 RRT units of the standard RRT. Ions present in the standard mass spectrum at a relative intensity greater than 10% were present in the sample spectrum. Relative intensities of ions agreed within ± 20% between standard and sample spectra.

10. Additional Comments or Problems/Resolutions Not Addressed Above

BNA: Yes___ No_X_

Comments: None.

Method Number OLM04.3
Revision _____

Organic Data Completeness Checklist
PEST/PCB

Quality Control Summary Package
- P Surrogate Recovery Summary (Form II)
- NA MS/MSD Summary (Form III)
- P Method Blank Summary (Form IV)

Sample Data Package
- P Holding Times (CLASS Sample Traffic Reports/UOS Chain-of-Custody)
- P Organic Analysis Data Sheets (Form I)
- P GC/EC Chromatogram(s)
- P Pesticide Identification Summary for Single Component Analytes (Form X-1) - for positive results only
- NA Pesticide Identification Summary for Multicomponent Analytes (Form X-2) - for positive results only

Standards Data Package
- NR Current List of Laboratory/Instrument Detection Limits
- P Pesticide Initial Calibration of Single Component Analytes (Form VI-1,2)
- P Pesticide Initial Calibration of Multicomponent Analytes (Form VI-3)
- P Pesticide Analyte Resolution Summary (Form VI-4)
- P Pesticide Calibration Verification Summary (Form VII-1,2)
- P Pesticide Analytical Sequence (Form VIII)
- P Pesticide Florisil Cartridge Check (Form IX-1)
- NA Pesticide GPC Calibration (Form IX-2)
- P Pesticide/Aroclor Standard Chromatograms and Data System Printouts

Reagent Blank Data
- P Organic Analysis Data Sheets (Form I)
- P GC/EC Chromatograms and Data System Printouts

Matrix Spike/Matrix Spike Duplicate Data
- NA Organic Analysis Data Sheets
- NA GC/EC Chromatograms and Data System Printouts

KEY:
P = Provided in original data package
R = Provided as resubmission
NP = Not provided in original data package or as resubmission
NR = Not required
NA = Not applicable to this data package or analysis

1. DELIVERABLES

All deliverables were present as specified in the subcontract.

PEST/AROCLOR: Yes_X_ No___

Comments: None.

2. HOLDING TIMES AND PRESERVATION CRITERIA

All method holding times were met.

PEST/AROCLOR: Yes_X_ No___

Comments: The pesticide/PCB samples in this SDG were extracted within five days from sample receipt at the laboratory.

PEST/AROCLOR: Yes___ No_X_

Comments: The water sample extracts were analyzed within 40 days of extraction. The sample coolers were received within the 4 ± 2 °C criteria. No shipping or receiving problems were noted. Chain-of-custody, summary forms, and raw data were evaluated.

Samples H1BX5 and H1BX6 were extracted outside of the seven day water holding time. The following table lists the samples extracted outside technical holding times, days outside holding time, and qualifiers added to the data:

Associated Samples	Days Extracted Outside Technical Holding Time	Compounds	Qualifiers
H1BX5 H1BX6	2 1	All pesticide/PCB compounds	J/UJ

3. INSTRUMENT CALIBRATIONS: INITIAL AND CONTINUING STANDARDS

The multi-component target compound analyses were performed according to method requirements:

PEST/AROCLOR: Yes_X_ No___

Comments: None.

Initial instrument calibrations were performed according to requirements and met the specified control limits listed in the functional guidelines.

PEST/AROCLOR: Yes___ No_X_

Comments: Percent relative standard deviations (%RSDs) for the individual pesticides in the initial calibrations were all within the 20% criteria, with one exception. The %RSD for methoxychlor on the first column was outside criteria at 20.4%. No action was taken because up to two %RSDs per column can exceed 20% if the %RSD is less than 30%. Summary forms and raw data were evaluated.

Continuing instrument calibrations were performed according to requirements and met specified control limits listed in the functional guidelines.

PEST/AROCLOR: Yes_X_ No___

Comments: Continuing calibration standards were analyzed at the required frequency. The percent differences (%Ds) between the calculated amounts and the true amounts were less than or equal to 25% for the individual standards that bracketed the samples. Summary forms and raw data were evaluated.

4. SURROGATE COMPOUND RECOVERY

Surrogate compound recovery analysis was performed according to method requirements and results met specified control limits.

PEST/AROCLOR: Yes_X_ No___

Comments: Surrogate compounds were added to all samples and blanks. The surrogate percent recoveries (%Rs) were all within the QC limits. Summary forms and raw data were evaluated.

5. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix Spike/Matrix Spike Duplicate (MS/MSD) analyses were performed according to method requirements and results met recommended recovery and precision limits.

PEST/AROCLOR: Yes___ No___ NA_X_

Comments: MS/MSD analyses were not performed for the pesticide/PCB samples in this SDG. No action is taken based solely on MS/MSD data.

6. PESTICIDE / AROCLOR INSTRUMENT PERFORMANCE

The pesticide resolution check mixture analysis was performed according to method requirements and results met recommended recovery limits.

PEST/AROCLOR: Yes_X_ No___

Comments: All resolution criteria were met.

The pesticide performance evaluation mixture (PEM) analysis was performed according to method requirements and results met recommended recovery limits.

PEST/AROCLOR: Yes_X_ No___

Comments: PEM analyses were analyzed at the required frequency. Summary forms and raw data were evaluated. The percent differences (%Ds) between the calculated amounts and the true amounts were less than or equal to 25%.

The breakdowns of 4,4'-DDT and Endrin were less than 20% and the combined breakdown was less than 30%.

PEST/AROCLOR: Yes_X_ No___

Comments: All breakdown criteria were met.

The decachlorobiphenyl (DCB) and tetrachloro-m-xylene (TCMX) retention time shifts were within the specified control limits.

PEST/AROCLOR: Yes_X_ No___

Comments: All retention time shift criteria for this data package were met, for all undiluted analyses.

7. PESTICIDE CLEANUP CHECKS

The florisil cartridge lot check analysis was performed according to requirements and all spike compounds were within the specified quality control limits.

PEST/AROCLOR: Yes_X_ No___

Comments: All recoveries were within 80-120%.

The gel permeation chromatography (GPC) check was performed according to requirements and all spike compounds were within the specified quality control limits.

PEST/AROCLOR: Yes___ No_____ NA_X_

Comments: None.

8. LABORATORY BLANK ANALYSIS RESULTS

The laboratory blank analysis was performed according to method requirements and met specified control limits.

PEST/AROCLOR: Yes_X_ No___

Comments: Method blanks were reported per matrix, per concentration level, and for each extraction batch. Additionally, instrument blanks were analyzed. Contamination was not detected in the method blank or instrument blanks. Summary forms and raw data were evaluated.

9. SAMPLE RESULTS

The sample results were reviewed and all compound identifications were acceptable and met method requirements.

PEST/AROCLOR: Yes_X_ No___

Comments: No problems with the identification of the sample results were found. All retention times were met for the detected results.

10. Additional Comments or Problems/Resolutions Not Addressed Above

PEST/AROCLOR: Yes___ No_X_

Comments: None.

ORGANIC DATA QUALITY ASSURANCE REVIEW

Region VIII

DATA QUALIFIER DEFINITIONS

For the purpose of Data Validation, the following code letters and associated definitions are provided for use by the data validator to summarize the data quality.

GENERAL QUALIFIERS for use with both INORGANIC and ORGANIC DATA

R - Reported value is "rejected." Resampling or reanalysis may be necessary to verify the presence or absence of the compound.

J - The associated numerical value is an estimated quantity because the Quality Control criteria were not met.

U J - The reported quantitation limit is estimated because Quality Control criteria were not met. Element or compound was not detected.

N J - Estimated value of a tentatively identified compound. (Identified with a CAS number.) ORGANICS analysis only.

U - The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW2

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-01

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC779

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
75-71-8	Dichlorodifluoromethane	10	U	UJ
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-69-4	Trichlorofluoromethane	10	U	
75-35-4	1,1-Dichloroethene	10	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	
67-64-1	Acetone	33	B	UJ
75-15-0	Carbon Disulfide	10	U	
79-20-9	Methyl Acetate	10	U	
75-09-2	Methylene Chloride	6	JB	104
156-60-5	trans-1,2-Dichloroethene	10	U	
1634-04-4	Methyl tert-Butyl Ether	10	U	
75-34-3	1,1-Dichloroethane	10	U	
156-59-2	cis-1,2-Dichloroethene	10	U	
78-93-3	2-Butanone	10	U	UJ
67-66-3	Chloroform	10	U	
71-55-6	1,1,1-Trichloroethane	10	U	
110-82-7	Cyclohexane	10	U	
56-23-5	Carbon Tetrachloride	10	U	
71-43-2	Benzene	10	U	
107-06-2	1,2-Dichloroethane	10	U	

AB

01-15-05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW2

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-01

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC779

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

AB
01-1505

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BW2

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-01

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC779

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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AB
01.15.05

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW3

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-02

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC780

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
75-71-8	Dichlorodifluoromethane	10	U	UJ
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-69-4	Trichlorofluoromethane	10	U	
75-35-4	1,1-Dichloroethene	10	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	
67-64-1	Acetone	18	B	UJ
75-15-0	Carbon Disulfide	10	U	
79-20-9	Methyl Acetate	10	U	
75-09-2	Methylene Chloride	6	JB	10
156-60-5	trans-1,2-Dichloroethene	10	U	
1634-04-4	Methyl tert-Butyl Ether	10	U	
75-34-3	1,1-Dichloroethane	10	U	
156-59-2	cis-1,2-Dichloroethene	10	U	
78-93-3	2-Butanone	10	U	U
67-66-3	Chloroform	10	U	
71-55-6	1,1,1-Trichloroethane	10	U	
110-82-7	Cyclohexane	10	U	
56-23-5	Carbon Tetrachloride	10	U	
71-43-2	Benzene	10	U	UJ
107-06-2	1,2-Dichloroethane	10	U	

AB
01-15-05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW3

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-02

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC780

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
79-01-6	Trichloroethene	10	U	
108-87-2	Methylcyclohexane	10	U	
78-87-5	1,2-Dichloropropane	10	U	
75-27-4	Bromodichloromethane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
108-10-1	4-Methyl-2-Pentanone	10	U	
108-88-3	Toluene	10	U	UJ
10061-02-6	trans-1,3-Dichloropropene	10	U	
79-00-5	1,1,2-Trichloroethane	10	U	
127-18-4	Tetrachloroethene	10	U	
591-78-6	2-Hexanone	10	U	
124-48-1	Dibromochloromethane	10	U	
106-93-4	1,2-Dibromoethane	10	U	
108-90-7	Chlorobenzene	10	U	UJ
100-41-4	Ethylbenzene	10	U	
1330-20-7	Xylene (Total)	10	U	
100-42-5	Styrene	10	U	
75-25-2	Bromoform	10	U	
98-82-8	Isopropylbenzene	10	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	10	U	
541-73-1	1,3-Dichlorobenzene	10	U	UJ
106-46-7	1,4-Dichlorobenzene	10	U	
95-50-1	1,2-Dichlorobenzene	10	U	
96-12-8	1,2-Dibromo-3-chloropropane	10	U	
120-82-1	1,2,4-Trichlorobenzene	10	U	UJ

AB
01-15-05

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BW3

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-02

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC780

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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AB
01.15.05

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW4

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-03

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC781

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
75-71-8	Dichlorodifluoromethane	10	U	UJ
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-69-4	Trichlorofluoromethane	10	U	
75-35-4	1,1-Dichloroethene	10	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	
67-64-1	Acetone	25	B	UJ
75-15-0	Carbon Disulfide	10	U	
79-20-9	Methyl Acetate	10	U	
75-09-2	Methylene Chloride	6	JB	UJ
156-60-5	trans-1,2-Dichloroethene	10	U	
1634-04-4	Methyl tert-Butyl Ether	10	U	
75-34-3	1,1-Dichloroethane	10	U	
156-59-2	cis-1,2-Dichloroethene	10	U	
78-93-3	2-Butanone	10	U	UJ
67-66-3	Chloroform	10	U	
71-55-6	1,1,1-Trichloroethane	10	U	
110-82-7	Cyclohexane	10	U	
56-23-5	Carbon Tetrachloride	10	U	
71-43-2	Benzene	10	U	
107-06-2	1,2-Dichloroethane	10	U	

AB
01-15-05

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
H1BW4

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-03

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC781

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

AB
01-15-05

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BW4

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-03

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC781

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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AB
011505

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX5

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-04

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC782

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
75-71-8	Dichlorodifluoromethane	10	U	UJ
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-69-4	Trichlorofluoromethane	10	U	
75-35-4	1,1-Dichloroethene	10	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	
67-64-1	Acetone	27	B	UJ
75-15-0	Carbon Disulfide	10	U	
79-20-9	Methyl Acetate	10	U	
75-09-2	Methylene Chloride	6	JB	DL
156-60-5	trans-1,2-Dichloroethene	10	U	
1634-04-4	Methyl tert-Butyl Ether	10	U	
75-34-3	1,1-Dichloroethane	10	U	
156-59-2	cis-1,2-Dichloroethene	10	U	
78-93-3	2-Butanone	2	J	J
67-66-3	Chloroform	10	U	
71-55-6	1,1,1-Trichloroethane	10	U	
110-82-7	Cyclohexane	10	U	
56-23-5	Carbon Tetrachloride	10	U	
71-43-2	Benzene	10	U	
107-06-2	1,2-Dichloroethane	10	U	

AB
01-15-05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX5

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-04

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC782

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

AB
01-15-05

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BX5

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-04

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC782

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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AB
01-1505

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX6

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-05

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC783

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
75-71-8	Dichlorodifluoromethane	10	U	U
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-69-4	Trichlorofluoromethane	10	U	
75-35-4	1,1-Dichloroethene	10	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	
67-64-1	Acetone	22	B	U
75-15-0	Carbon Disulfide	10	U	
79-20-9	Methyl Acetate	10	U	
75-09-2	Methylene Chloride	5	JB	10
156-60-5	trans-1,2-Dichloroethene	10	U	
1634-04-4	Methyl tert-Butyl Ether	10	U	
75-34-3	1,1-Dichloroethane	10	U	
156-59-2	cis-1,2-Dichloroethene	10	U	
78-93-3	2-Butanone	10	U	U
67-66-3	Chloroform	10	U	
71-55-6	1,1,1-Trichloroethane	10	U	
110-82-7	Cyclohexane	10	U	
56-23-5	Carbon Tetrachloride	10	U	
71-43-2	Benzene	10	U	
107-06-2	1,2-Dichloroethane	10	U	

AB
01-15-05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX6

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-05

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC783

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

AB
01-15-05

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BX6

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-05

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC783

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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AB
01-1505

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX7

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-06

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC784

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
75-71-8	Dichlorodifluoromethane	10	U	UJ
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-69-4	Trichlorofluoromethane	10	U	
75-35-4	1,1-Dichloroethene	10	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	
67-64-1	Acetone	27	B	UJ
75-15-0	Carbon Disulfide	10	U	
79-20-9	Methyl Acetate	10	U	
75-09-2	Methylene Chloride	5	JB	10U
156-60-5	trans-1,2-Dichloroethene	10	U	
1634-04-4	Methyl tert-Butyl Ether	10	U	
75-34-3	1,1-Dichloroethane	10	U	
156-59-2	cis-1,2-Dichloroethene	10	U	
78-93-3	2-Butanone	10	U	UJ
67-66-3	Chloroform	10	U	
71-55-6	1,1,1-Trichloroethane	10	U	
110-82-7	Cyclohexane	10	U	
56-23-5	Carbon Tetrachloride	10	U	
71-43-2	Benzene	10	U	
107-06-2	1,2-Dichloroethane	10	U	

KJA 8/10/05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX7

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-06

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC784

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

AB
01-25-05

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BX7

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-06

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: PC784

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. _____ Date Analyzed: 11/02/04

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	4.16	24	J
2.					
3.					
4.					
5.					
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AB
01-15-05

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW2

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: JN136

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/04/04

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/05/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
100-52-7	Benzaldehyde	UJ	10	U
108-95-2	Phenol		10	U
111-44-4	bis(2-Chloroethyl)Ether		10	U
95-57-8	2-Chlorophenol		10	U
95-48-7	2-Methylphenol		10	U
108-60-1	2,2'-oxybis(1-Chloropropane)		10	U
98-86-2	Acetophenone		10	U
106-44-5	4-Methylphenol		10	U
621-64-7	N-Nitroso-di-n-propylamine		10	U
67-72-1	Hexachloroethane		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		10	U
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(2-Chloroethoxy)methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
91-20-3	Naphthalene		10	U
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
105-60-2	Caprolactam		10	U
59-50-7	4-Chloro-3-Methylphenol		10	U
91-57-6	2-Methylnaphthalene		10	U
77-47-4	Hexachlorocyclopentadiene	UJ	10	U
88-06-2	2,4,6-Trichlorophenol		10	U
95-95-4	2,4,5-Trichlorophenol		25	U
92-52-4	1,1'-Biphenyl		10	U
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
131-11-3	Dimethylphthalate		10	U
606-20-2	2,6-Dinitrotoluene		10	U
208-96-8	Acenaphthylene		10	U
99-09-2	3-Nitroaniline		25	U
83-32-9	Acenaphthene		10	U

AB
01-15-05

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW2

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: JN136

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/04/04

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/05/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
51-28-5	2,4-Dinitrophenol	UJ	25	U
100-02-7	4-Nitrophenol		25	U
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		10	U
84-66-2	Diethylphthalate		10	U
86-73-7	Fluorene		10	U
7005-72-3	4-Chlorophenyl-phenylether		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol	UJ	25	U
86-30-6	N-nitrosodiphenylamine (1)		10	U
101-55-3	4-Bromophenyl-phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
1912-24-9	Atrazine		10	U
87-86-5	Pentachlorophenol		25	U
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-butylphthalate		10	U
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		10	U
85-68-7	Butylbenzylphthalate		10	U
91-94-1	3,3'-Dichlorobenzidine		10	U
56-55-3	Benzo(a)anthracene		10	U
218-01-9	Chrysene		10	U
117-81-7	bis(2-Ethylhexyl)phthalate		10	U
117-84-0	Di-n-octylphthalate		10	U
205-99-2	Benzo(b)fluoranthene		10	U
207-08-9	Benzo(k)fluoranthene		10	U
50-32-8	Benzo(a)pyrene		10	U
193-39-5	Indeno(1,2,3-cd)pyrene		10	U
53-70-3	Dibenzo(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)perylene		10	U

(1) - Cannot be separated from Diphenylamine

AB
01-15-05

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BW2

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: JN136

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:11/04/04

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/05/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	7.42	4	JB
2.	96-76-4	PHENOL, 2,4-BIS(1,1-DIMETHYL	9.84	4	NJ
3.		UNKNOWN	15.41	4	J
4.					
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AB
01-15-05

OL 134

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX5

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: JN137

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/04/04

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/05/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
100-52-7	Benzaldehyde	UJ	10	U
108-95-2	Phenol		10	U
111-44-4	bis(2-Chloroethyl)Ether		10	U
95-57-8	2-Chlorophenol		10	U
95-48-7	2-Methylphenol		10	U
108-60-1	2,2'-oxybis(1-Chloropropane)		10	U
98-86-2	Acetophenone		10	U
106-44-5	4-Methylphenol		10	U
621-64-7	N-Nitroso-di-n-propylamine		10	U
67-72-1	Hexachloroethane		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		10	U
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(2-Chloroethoxy)methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
91-20-3	Naphthalene		10	U
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
105-60-2	Caprolactam		10	U
59-50-7	4-Chloro-3-Methylphenol		10	U
91-57-6	2-Methylnaphthalene		10	U
77-47-4	Hexachlorocyclopentadiene	UJ	10	U
88-06-2	2,4,6-Trichlorophenol		10	U
95-95-4	2,4,5-Trichlorophenol		25	U
92-52-4	1,1'-Biphenyl		10	U
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
131-11-3	Dimethylphthalate		10	U
606-20-2	2,6-Dinitrotoluene		10	U
208-96-8	Acenaphthylene		10	U
99-09-2	3-Nitroaniline		25	U
83-32-9	Acenaphthene	UJ	10	U

AB 01-15-05

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX5

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: JN137

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/04/04

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/05/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
51-28-5	2,4-Dinitrophenol	UJ	25	U
100-02-7	4-Nitrophenol		25	U
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		10	U
84-66-2	Diethylphthalate		10	U
86-73-7	Fluorene		10	U
7005-72-3	4-Chlorophenyl-phenylether		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol	UJ	25	U
86-30-6	N-nitrosodiphenylamine (1)		10	U
101-55-3	4-Bromophenyl-phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
1912-24-9	Atrazine		10	U
87-86-5	Pentachlorophenol		25	U
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-butylphthalate		10	U
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		10	U
85-68-7	Butylbenzylphthalate		10	U
91-94-1	3,3'-Dichlorobenzidine		10	U
56-55-3	Benzo(a)anthracene		10	U
218-01-9	Chrysene		10	U
117-81-7	bis(2-Ethylhexyl)phthalate	J	1	J
117-84-0	Di-n-octylphthalate	UJ	10	U
205-99-2	Benzo(b)fluoranthene		10	U
207-08-9	Benzo(k)fluoranthene		10	U
50-32-8	Benzo(a)pyrene		10	U
193-39-5	Indeno(1,2,3-cd)pyrene		10	U
53-70-3	Dibenzo(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)perylene	UJ	10	U

(1) - Cannot be separated from Diphenylamine

AB
01-15-05

1G

EPA SAMPLE NO.

H1BX5

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: JN137

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:11/04/04

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/05/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN	7.42	2	JB	R
2.	UNKNOWN	15.20	3	J	
3.					
4.					
5.					
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AB
01-15-05

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX6

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: JN138

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/04/04

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/05/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
100-52-7	Benzaldehyde	UJ	10	U
108-95-2	Phenol		10	U
111-44-4	bis(2-Chloroethyl)Ether		10	U
95-57-8	2-Chlorophenol		10	U
95-48-7	2-Methylphenol		10	U
108-60-1	2,2'-oxybis(1-Chloropropane)		10	U
98-86-2	Acetophenone		10	U
106-44-5	4-Methylphenol		10	U
621-64-7	N-Nitroso-di-n-propylamine		10	U
67-72-1	Hexachloroethane		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		10	U
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(2-Chloroethoxy)methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
91-20-3	Naphthalene		10	U
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
105-60-2	Caprolactam		10	U
59-50-7	4-Chloro-3-Methylphenol		10	U
91-57-6	2-Methylnaphthalene		10	U
77-47-4	Hexachlorocyclopentadiene	UJ	10	U
88-06-2	2,4,6-Trichlorophenol		10	U
95-95-4	2,4,5-Trichlorophenol		25	U
92-52-4	1,1'-Biphenyl		10	U
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
131-11-3	Dimethylphthalate		10	U
606-20-2	2,6-Dinitrotoluene		10	U
208-96-8	Acenaphthylene		10	U
99-09-2	3-Nitroaniline		25	U
83-32-9	Acenaphthene	UJ	10	U

AB
01-15-05

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX6

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: JN138

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/04/04

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/05/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
51-28-5	2,4-Dinitrophenol	UJ	25	U
100-02-7	4-Nitrophenol		25	U
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		10	U
84-66-2	Diethylphthalate		10	U
86-73-7	Fluorene		10	U
7005-72-3	4-Chlorophenyl-phenylether		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol	UJ	25	U
86-30-6	N-nitrosodiphenylamine (1)		10	U
101-55-3	4-Bromophenyl-phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
1912-24-9	Atrazine		10	U
87-86-5	Pentachlorophenol		25	U
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-butylphthalate		10	U
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		10	U
85-68-7	Butylbenzylphthalate		10	U
91-94-1	3,3'-Dichlorobenzidine		10	U
56-55-3	Benzo(a)anthracene		10	U
218-01-9	Chrysene		10	U
117-81-7	bis(2-Ethylhexyl)phthalate		10	U
117-84-0	Di-n-octylphthalate		10	U
205-99-2	Benzo(b)fluoranthene		10	U
207-08-9	Benzo(k)fluoranthene		10	U
50-32-8	Benzo(a)pyrene		10	U
193-39-5	Indeno(1,2,3-cd)pyrene		10	U
53-70-3	Dibenzo(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)perylene	UJ	10	U

(1) - Cannot be separated from Diphenylamine

AB
01-15-05

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BX6

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: JN138

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:11/04/04

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/05/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 14 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN	7.41	3	JB	R
2.	UNKNOWN SILOXANE	12.10	2	J	
3.	UNKNOWN SILOXANE	12.65	5	J	
4.	UNKNOWN SILOXANE	13.12	5	J	
5.	UNKNOWN SILOXANE	13.58	9	J	
6.	UNKNOWN SILOXANE	14.07	11	J	
7.	UNKNOWN SILOXANE	14.61	13	J	
8.	UNKNOWN SILOXANE	15.23	14	J	
9.	UNKNOWN SILOXANE	15.97	14	J	
10.	UNKNOWN SILOXANE	16.85	13	J	
11.	UNKNOWN SILOXANE	17.93	10	J	
12.	UNKNOWN SILOXANE	19.26	10	J	
13.	UNKNOWN SILOXANE	20.89	10	J	
14.	UNKNOWN SILOXANE	22.92	10	J	
15.					
16.					
17.					
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AB
011505

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX7

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: JN139

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/04/04

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/05/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
100-52-7	Benzaldehyde	UJ	10	U
108-95-2	Phenol		10	U
111-44-4	bis(2-Chloroethyl)Ether		10	U
95-57-8	2-Chlorophenol		10	U
95-48-7	2-Methylphenol		10	U
108-60-1	2,2'-oxybis(1-Chloropropane)		10	U
98-86-2	Acetophenone		10	U
106-44-5	4-Methylphenol		10	U
621-64-7	N-Nitroso-di-n-propylamine		10	U
67-72-1	Hexachloroethane		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		10	U
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(2-Chloroethoxy)methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
91-20-3	Naphthalene		10	U
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
105-60-2	Caprolactam		10	U
59-50-7	4-Chloro-3-Methylphenol		10	U
91-57-6	2-Methylnaphthalene		10	U
77-47-4	Hexachlorocyclopentadiene	UJ	10	U
88-06-2	2,4,6-Trichlorophenol		10	U
95-95-4	2,4,5-Trichlorophenol		25	U
92-52-4	1,1'-Biphenyl		10	U
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
131-11-3	Dimethylphthalate		10	U
606-20-2	2,6-Dinitrotoluene		10	U
208-96-8	Acenaphthylene		10	U
99-09-2	3-Nitroaniline		25	U
83-32-9	Acenaphthene	UJ	10	U

AB
01-15-05

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

H1BX7

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: JN139

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/04/04

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/05/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
51-28-5	2,4-Dinitrophenol	UJ	25	U
100-02-7	4-Nitrophenol		25	U
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		10	U
84-66-2	Diethylphthalate		10	U
86-73-7	Fluorene		10	U
7005-72-3	4-Chlorophenyl-phenylether		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol	UJ	25	U
86-30-6	N-nitrosodiphenylamine (1)		10	U
101-55-3	4-Bromophenyl-phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
1912-24-9	Atrazine		10	U
87-86-5	Pentachlorophenol		25	U
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-butylphthalate		10	U
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		10	U
85-68-7	Butylbenzylphthalate		10	U
91-94-1	3,3'-Dichlorobenzidine		10	U
56-55-3	Benzo(a)anthracene		10	U
218-01-9	Chrysene	UJ	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	J	1	J
117-84-0	Di-n-octylphthalate	UJ	10	U
205-99-2	Benzo(b)fluoranthene		10	U
207-08-9	Benzo(k)fluoranthene		10	U
50-32-8	Benzo(a)pyrene		10	U
193-39-5	Indeno(1,2,3-cd)pyrene		10	U
53-70-3	Dibenzo(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)perylene		10	U

(1) - Cannot be separated from Diphenylamine

AB
01-1505

EPA SAMPLE NO.

H1BX7

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: JN139

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:11/04/04

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/05/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	7.41	2	JB
2.		UNKNOWN AMIDE	15.27	4	J
3.		UNKNOWN	15.47	2	J
4.					
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R

AB
01/15/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW2

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 10/30/04

Extraction: (Type) SEPF Date Extracted: 11/03/04

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/05/04

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

AB
01-15-05

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

H1BX5

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 10/30/04

Extraction: (Type) SEPF Date Extracted: 11/03/04

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/05/04

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	UJ 0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	UJ 1.0	U

AB
01-15-05

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.: H1BX6

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: ⸗ SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 10/30/04

Extraction: (Type) SEPF Date Extracted: 11/03/04

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/05/04

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
319-84-6	alpha-BHC	UJ	0.050	U
319-85-7	beta-BHC		0.050	U
319-86-8	delta-BHC		0.050	U
58-89-9	gamma-BHC (Lindane)		0.050	U
76-44-8	Heptachlor		0.050	U
309-00-2	Aldrin		0.050	U
1024-57-3	Heptachlor epoxide		0.050	U
959-98-8	Endosulfan I		0.050	U
60-57-1	Dieldrin		0.10	U
72-55-9	4,4'-DDE		0.10	U
72-20-8	Endrin		0.10	U
33213-65-9	Endosulfan II		0.10	U
72-54-8	4,4'-DDD		0.10	U
1031-07-8	Endosulfan sulfate		0.10	U
50-29-3	4,4'-DDT		0.10	U
72-43-5	Methoxychlor		0.50	U
53494-70-5	Endrin ketone		0.10	U
7421-93-4	Endrin aldehyde		0.10	U
5103-71-9	alpha-Chlordane		0.050	U
5103-74-2	gamma-Chlordane		0.050	U
8001-35-2	Toxaphene		5.0	U
12674-11-2	Aroclor-1016		1.0	U
11104-28-2	Aroclor-1221		2.0	U
11141-16-5	Aroclor-1232		1.0	U
53469-21-9	Aroclor-1242		1.0	U
12672-29-6	Aroclor-1248		1.0	U
11097-69-1	Aroclor-1254		1.0	U
11096-82-5	Aroclor-1260	UJ	1.0	U

AB
01-15-05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX7

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW2

Matrix: (soil/water) WATER Lab Sample ID: 041206-06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 10/30/04

Extraction: (Type) SEPF Date Extracted: 11/03/04

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/05/04

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

AB
01-15-05

REGION VIII
DATA VALIDATION REPORT
ORGANICS - VOA, BNA, and PEST/PCB

Case No. / TDD No.	Site Name		Operable Unit
33461 / 0501-0004	Spanish Fork Salvage Yard		
RPM/OSC Name			
Luke Chavez			
Contractor Laboratory	**Contract No.**	**SDG No.**	**Laboratory DPO/Region**
Ceimic Corporation	68-W-03-018	H1BW5	

Review Assigned Date January 14, 2005 Data Validator Lisa Tyson
Review Completion Date January 28, 2005 Report Reviewer Bill Fear

Sample ID	Station Location	Matrix	Analysis
H1BW5	SFSY-SS-01	Soil	CLP - Volatile, Semivolatile, and Pesticide/PCB Analyses
H1BW6	SFSY-SS-02		
H1BW7	SFSY-SS-03		
H1BW8	SFSY-SS-04		
H1BW9	SFSY-SS-05		
H1BX0	SFSY-SS-06		
H1BX1	SFSY-SS-07		
H1BX2	SFSY-SS-08		
H1BX3	SFSY-SS-09		
H1BX4	SFSY-SS-10		

DATA QUALITY STATEMENT

( ) Data are ACCEPTABLE according to EPA Functional Guidelines with no qualifiers (flags) added by the reviewer.
( ) Data are UNACCEPTABLE according to EPA Functional Guidelines.
(X) Data are acceptable with QUALIFICATIONS noted in review.

Telephone/Communication Logs Enclosed? Yes _____ No ___X_____

TPO Attention Required? Yes _____ No ___X__ If yes, list the items that require attention:

ORGANIC DATA VALIDATION REPORT

REVIEW NARRATIVE SUMMARY

This data package was reviewed according to the EPA document "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review," October 1999.

Raw data were reviewed for completeness and transcription accuracy onto the summary forms. Approximately 10-20% of the results reported in each of the samples, calibrations, and QC analyses were recalculated and verified. If problems were identified during the recalculation of results, a more thorough calculation check was performed.

Case No. 33461, SDG No. H1BW5 consisted of 10 soil samples for volatile, semivolatile, and pesticide/PCB CLP organic analyses.

The laboratory performed the required library search on all non-target sample components. TICs reported in both samples and blanks were rejected (R).

The following tables list data qualifiers added to the data. (Please see Data Qualifier Definitions, attached to the end of this report.)

Sample Number	Volatile Compound	Qualifier	Reason For Qualification	Review Section
All samples	Methylene chloride 2-Hexanone 1,2,4-Trichlorobenzene	J/UJ	Initial calibration %RSD > 30%	4
	Dichlorodifluoromethane Acetone 2-Butanone		Continuing calibration %D > 25%	
	Methylene chloride	U	Blank contamination	8

Sample Number	Semivolatile Compound	Qualifier	Reason for Qualification	Review Section
All samples	Hexachlorocyclopentadiene 2-4-Dinitrophenol	J/UJ	Initial calibration %RSD >30%	4
	2,4-Dinitrophenol 4-Nitrophenol 4,6-Dinitro-2-methylphenol		Continuing calibration %D > 25%	

Sample Number	Pesticide Compound	Qualifier	Reason For Qualification	Review Section
All samples	All pesticide/PCB compounds flagged "P"	J	%D between columns greater than 25%	9

Method Number OLM04.3
Revision _____

Organic Data Completeness Checklist
VOA

Quality Control Summary Package
- P Surrogate Recovery Summary
- P MS/MSD Summary
- P Method Blank Summary
- P GC/MS Tuning and Mass Calibration

Sample Data Package
- P Holding Times (CLASS Sample Traffic Reports/UOS Chain-of-Custody)
- P Organic Analysis Data Sheets
- P Reconstructed Ion Chromatogram(s) (RIC)
- P Quantitation Reports
- P Mass Spectral Data
- P Mass Spectral Library Search for TICs

Standards Data Package
- NR Current List of Laboratory/Instrument Detection Limits
- P Initial Calibration Data for each instrument
- P Continuing Calibration Data for each instrument
- P Internal Standard Area Summary
- P VOA Standards RICs
- P VOA Standards Quantitation Reports

Raw QC Package
- P BFB mass spectra and mass listings

Reagent Blank Data
- P Organic Analysis Data Sheets
- P RIC or Total Ion Chromatogram
- P Quantitation Reports
- P Mass Spectral Data
- P Library Search for TICs

Matrix Spike/Matrix Spike Duplicate Data
- P Organic Analysis Data Sheets
- P RIC
- P Quantitation Reports
- NA Mass Spectral Data
- NA Library search for TICs

KEY:
- P = Provided in original data package
- R = Provided as resubmission
- NP = Not provided in original data package or as resubmission
- NR = Not required
- NA = Not applicable to this data package or analysis

1. DELIVERABLES

All deliverables were present as specified in the subcontract.

VOA: Yes_X_ No___

Comments: None.

2. HOLDING TIMES AND PRESERVATION CRITERIA

All method holding times were met.

VOA: Yes_X_ No___

Comments: The samples were analyzed within ten days from sample receipt at the laboratory.

All technical holding times and preservation criteria were met.

VOA: Yes_X_ No___

Comments: The soil samples were analyzed within 14 days from sample collection. The sample cooler was received within the temperature criteria of 4 ± 2 °C. No shipping or receiving problems were noted. Chain-of-custody, summary forms, and raw data were evaluated.

3. BFB PERFORMANCE RESULTS

The bromofluorobenzene (BFB) performance results were within the specified control limits. All appropriate BFB results were included.

VOA: Yes_X_ No___

Comments: BFB instrument performance checks were run for each 12 hours of analysis. Ion abundance criteria were met and were verified from raw data.

4. INSTRUMENT CALIBRATIONS: INITIAL AND CONTINUING STANDARDS

Initial instrument calibrations were performed according to method requirements and met the specified control limits listed in the Functional Guidelines.

VOA: Yes___ No_X_

Comments: Initial calibration standards containing both volatile target compounds and surrogate compounds were analyzed at the required frequency. The average relative response

factors (RRFs) for all target compounds and surrogate compounds were greater than or equal to 0.05. Summary forms and raw data were evaluated.

The following table lists the relative percent relative standard deviations (%RSDs) for compounds that were greater than 30% in the initial calibrations and the qualifiers added to the data:

Compound	%RSD	Associated Samples	Qualifiers
Methylene chloride 2-Hexanone 1,2,4-Trichlorobenzene	32.7 31.4 34.0	All samples	J/UJ

Continuing instrument calibrations were performed according to method requirements and met specified control limits listed in the Functional Guidelines.

VOA: Yes___ No_X_

Comments: Continuing calibration standards containing both target compounds and surrogate compounds were analyzed at the beginning of each 12-hour analysis period. The average RRFs for all target compounds and surrogate compounds were greater than or equal to 0.05. Summary forms and raw data were evaluated.

The following table lists the percent differences (%Ds) for compounds that were greater than 25% in the continuing calibrations and the qualifiers added to the data:

Compound	%D	Associated Samples	Qualifiers
Dichlorodifluoromethane Acetone 2-Butanone	53.8 47.9 26.0	All samples	J/UJ

5. SURROGATE COMPOUND RECOVERY

Surrogate compound recovery analysis was performed according to method requirements and results met specified control limits.

VOA: Yes_X_ No___

Comments: Surrogate compounds were added to all samples and blanks. The surrogate percent recoveries (%Rs) were all within the QC limits. Summary forms and raw data were evaluated.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix Spike/Matrix Spike Duplicate (MS/MSD) analyses were performed according to method requirements and results met recommended recovery and precision limits.

VOA: Yes___ No_X_ NA___

Comments: MS/MSD analyses were performed on soil sample H1BX3. Summary forms and raw data were evaluated.

The following table lists the results for the MS/MSD analyses that were outside criteria; however, no action is taken based solely on MS/MSD:

Sample	Compound	Percent Recovery		RPD	Control Limits		Qualifiers
		MS	MSD		% R	RPD	
H1BX3	1,1-Dichloroethene	26	32	--	59-172	--	None
	Trichloroethene	34	45	28	62-137	24	
	Benzene	41	53	26	66-142	21	
	Toluene	41	50	--	59-139	--	
	Chlorobenzene	26	35	30	60-133	21	

7. INTERNAL STANDARD AREA

Internal standard area analysis was performed according to method requirements and results met specified control limits.

VOA: Yes_X_ No___

Comments: Internal standard area counts did not vary by more than a factor of two from the associated 12-hour calibration standard. The internal standard retention times did not vary more than ± 30 seconds from the retention time of the associated 12-hour calibration standards. Summary forms and raw data were evaluated.

8. LABORATORY BLANK ANALYSIS RESULTS

The laboratory blank analysis was performed according to method requirements and results met specified limits.

VOA: Yes___ No_X_

Comments: Method blank analyses were performed after the calibration standards and once for every 12-hour time period beginning with a BFB analysis. A storage blank (VHBLK01) was also analyzed. Summary forms and raw data were evaluated.

Contamination was detected in the volatile blanks as summarized in the following table. Quantitation limits in the associated samples were raised in accordance with the rules set forth in the "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review," October 1999.

Blank Target Compounds

Blank ID	Contaminant	Concentration Found in Blank (ug/Kg)	Associated Samples	Concentration Found in Sample (ug/L)	Qualifier/ Adjustment
VBLKLC	Methylene chloride	4	H1BW5	15	U
			H1BW6	15	U
			H1BW7	9	10 U
			H1BW8	10	U
			H1BW9	13	U
			H1BX0	5	10 U
			H1BX1	4	10 U
			H1BX2	4	10 U
			H1BX3	6	15 U
			H1BX4	5	10 U

Methylene chloride were also reported in storage blank, VHBLK01; however, no additional qualification was required.

Tentatively identified compounds (TICs) were not reported in the method or storage blanks.

9. SAMPLE RESULTS

The sample results were reviewed and all compound identifications were acceptable and met contract requirements.

VOA: Yes_X_ No___

Comments: Sample relative retention times (RRTs) were within ± 0.06 RRT units of the standard RRT. Ions present in the standard mass spectrum at a relative intensity greater than 10% were present in the sample spectrum. Relative intensities of ions agreed within ± 20% between standard and sample spectra.

TICs were not detected in the samples.

10. Additional Comments or Problems/Resolutions Not Addressed Above

VOA: Yes___ No_X_

Comments: None.

Method Number OLM04.3
Revision ____

Organic Data Completeness Checklist
BNA

Quality Control Summary Package
- P Surrogate Recovery Summary
- P MS/MSD Summary
- P Method Blank Summary
- P GC/MS Tuning and Mass Calibration

Sample Data Package
- P Holding Times (CLASS Sample Traffic Reports/UOS Chain-of-Custody)
- P Organic Analysis Data Sheets
- P Reconstructed Ion Chromatogram(s) (RIC)
- P Quantitation Reports
- P Mass Spectral Data
- P Mass Spectral Library Search for TICs

Standards Data Package
- NR Current List of Laboratory/Instrument Detection Limits
- P Initial Calibration Data for each instrument
- P Continuing Calibration Data for each instrument
- P Internal Standard Area Summary
- P BNA Standards RICs
- P BNA Standards Quantitation Reports

Raw QC Package
- P DFTPP mass spectra and mass listings

Reagent Blank Data
- P Organic Analysis Data Sheets
- P RIC or Total Ion Chromatogram
- P Quantitation Reports
- P Mass Spectral Data
- P Library Search for TICs

Matrix Spike/Matrix Spike Duplicate Data
- P Organic Analysis Data Sheets
- P RIC
- P Quantitation Reports
- NA Mass Spectral Data
- NA Library search for TICs

KEY:
- P = Provided in original data package
- R = Provided as resubmission
- NP = Not provided in original data package or as resubmission
- NR = Not required
- NA = Not applicable to this data package or analysis

1. DELIVERABLES

All deliverables were present as specified in the subcontract.

BNA: Yes_X_ No___

Comments: None.

2. HOLDING TIMES AND PRESERVATION CRITERIA

All method holding times were met.

BNA: Yes_X_ No___

Comments: The samples were extracted within ten days from sample receipt at the laboratory.

All holding times and preservation criteria were met.

BNA: Yes_X_ No___

Comments: The soil samples were extracted within 14 days from sample collection and all extracts were analyzed within 40 days of extraction. The sample cooler was received within the temperature criteria of 4 ± 2 °C. No shipping or receiving problems were noted. Chain-of-custody, summary forms, and raw data were evaluated.

3. DFTPP PERFORMANCE RESULTS

The decafluorotriphenylphosphine (DFTPP) performance results were within the specified control limits. All appropriate DFTPP results were included.

BNA: Yes_X_ No___

Comments: Instrument performance check solutions were analyzed at the beginning of each 12-hour period of sample analysis. Ion abundance criteria were met and were verified from raw data.

4. INSTRUMENT CALIBRATIONS: INITIAL AND CONTINUING STANDARDS

Initial instrument calibrations were performed according to method requirements and met the specified control limits listed in the Functional Guidelines.

BNA: Yes___ No_X_

Comments: Initial calibration standards containing both target compounds and surrogate compounds were analyzed at the required frequency. The average relative response factors (RRFs) for all target compounds and surrogate compounds were greater than or equal to 0.05. Summary forms and raw data were evaluated.

The following table lists the percent relative standard deviations (%RSDs) that exceeded 30% and qualifiers added to the data:

Compound	%RSD	Associated Samples	Qualifiers
Hexachlorocyclopentadiene 2-4-Dinitrophenol	30.3 35.6	All samples	J/UJ

Continuing instrument calibrations were performed according to method requirements and met specified control limits listed in the Functional Guidelines.

BNA: Yes___ No_X_

Comments: Continuing calibration standards containing both target compounds and surrogate compounds were analyzed at the beginning of each 12-hour analysis period. The RRFs for all target compounds and surrogate compounds were greater than or equal to 0.05. Summary forms and raw data were evaluated.

The following table lists the percent differences (%Ds) that exceeded 25% and the qualifiers added to the data:

Compound	%D	Associated Samples	Qualifiers
2,4-Dinitrophenol 4-Nitrophenol 4,6-Dinitro-2-methylphenol	29.2 29.3 36.9	All samples	J/UJ

5. SURROGATE COMPOUND RECOVERY

Surrogate compound recovery analysis was performed according to method requirements and results met specified control limits.

BNA: Yes_X_ No___

Comments: Surrogate compounds were added to all samples and blanks. All recoveries were within QC limits; however, the surrogate recoveries for sample H1BW5 were considered diluted below the calibration and no qualification was necessary. Summary forms and raw data were evaluated.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix Spike/Matrix Spike Duplicate (MS/MSD) analyses were performed according to method requirements and results met recommended recovery and precision limits.

BNA: Yes___ No_X_ NA___

Comments: MS/MSD analyses were performed on soil sample H1BX3 for low level and soil sample H1BX0 for medium level. Summary forms and raw data were evaluated.

The following table lists the results for the MS/MSD analyses that were outside criteria; however, no action is taken based solely on MS/MSD:

Sample	Compound	Percent Recovery		RPD	Control Limits		Qualifiers
		MS	MSD		% R	RPD	
H1BX0	Pentachlorophenol	16	--	93	17-109	47	None

7. INTERNAL STANDARD AREA

Internal standard area analysis was performed according to method requirements and results met specified control limits.

BNA: Yes_X_ No___

Comments: The internal standard retention times did not vary more than ± 30 seconds from the retention time of the associated 12-hour calibration standards. Internal standard area counts did not vary by more than a factor of two from the associated 12-hour calibration standard for the sample analyses. Summary forms and raw data were evaluated.

8. LABORATORY BLANK ANALYSIS RESULTS

The laboratory blank analysis was performed according to method requirements and results met specified control limits.

BNA: Yes_X_ No___

Comments: Method blanks were reported per matrix, per concentration level, and for each extraction batch. Target compounds were not detected in the semivolatile blank. Summary forms and raw data were evaluated.

One tentatively identified compound (TIC) was reported in method blank SBLKTG at a retention time of 15.32 minutes. This TIC was reported in samples H1BW9 and H1BX0 and the TIC was qualified as rejected (R).

9. SAMPLE RESULTS

The sample results were reviewed and all compound identifications were acceptable and met contract requirements.

BNA: Yes_X_ No___

Comments: Sample relative retention times (RRTs) were within ± 0.06 RRT units of the standard RRT. Ions present in the standard mass spectrum at a relative intensity greater than 10% were present in the sample spectrum. Relative intensities of ions agreed within ± 20% between standard and sample spectra.

Samples H1BW6, H1BW9, and H1BX0 were analyzed as medium level soil samples. The remaining samples were analyzed at dilutions.

10. Additional Comments or Problems/Resolutions Not Addressed Above

BNA: Yes___ No_X_

Comments: None.

Method Number OLM04.3
Revision _____

Organic Data Completeness Checklist
PEST/PCB

Quality Control Summary Package
- P Surrogate Recovery Summary (Form II)
- P MS/MSD Summary (Form III)
- P Method Blank Summary (Form IV)

Sample Data Package
- P Holding Times (CLASS Sample Traffic Reports/UOS Chain-of-Custody)
- P Organic Analysis Data Sheets (Form I)
- P GC/EC Chromatogram(s)
- P Pesticide Identification Summary for Single Component Analytes (Form X-1) - for positive results only
- P Pesticide Identification Summary for Multicomponent Analytes (Form X-2) - for positive results only

Standards Data Package
- NR Current List of Laboratory/Instrument Detection Limits
- P Pesticide Initial Calibration of Single Component Analytes (Form VI-1,2)
- P Pesticide Initial Calibration of Multicomponent Analytes (Form VI-3)
- P Pesticide Analyte Resolution Summary (Form VI-4)
- P Pesticide Calibration Verification Summary (Form VII-1,2)
- P Pesticide Analytical Sequence (Form VIII)
- P Pesticide Florisil Cartridge Check (Form IX-1)
- P Pesticide GPC Calibration (Form IX-2)
- P Pesticide/Aroclor Standard Chromatograms and Data System Printouts

Reagent Blank Data
- P Organic Analysis Data Sheets (Form I)
- P GC/EC Chromatograms and Data System Printouts

Matrix Spike/Matrix Spike Duplicate Data
- P Organic Analysis Data Sheets
- P GC/EC Chromatograms and Data System Printouts

KEY:
- P = Provided in original data package
- R = Provided as resubmission
- NP = Not provided in original data package or as resubmission
- NR = Not required
- NA = Not applicable to this data package or analysis

1. DELIVERABLES

All deliverables were present as specified in the subcontract.

PEST/AROCLOR: Yes_X_ No___

Comments: None.

2. HOLDING TIMES AND PRESERVATION CRITERIA

All method holding times were met.

PEST/AROCLOR: Yes_X_ No___

Comments: The samples were extracted within ten days from sample receipt at the laboratory.

PEST/AROCLOR: Yes_X_ No___

Comments: The soil samples were extracted within 14 days from sample collection and all extracts were analyzed within 40 days of extraction. The sample cooler was received within the temperature criteria of 4 ± 2 °C. No shipping or receiving problems were noted. Chain-of-custody, summary forms, and raw data were evaluated.

3. INSTRUMENT CALIBRATIONS: INITIAL AND CONTINUING STANDARDS

The multi-component target compound analyses were performed according to method requirements:

PEST/AROCLOR: Yes_X_ No___

Comments: None.

Initial instrument calibrations were performed according to requirements and met the specified control limits listed in the functional guidelines.

PEST/AROCLOR: Yes___ No_X_

Comments: Percent relative standard deviations (%RSDs) for the individual pesticides in the initial calibrations were all within the 20% criteria, with one exception. The %RSD for methoxychlor on the first column was outside criteria at 20.4%. No action was taken because up to two %RSDs per column can exceed 20% if the %RSD is less than 30%. Summary forms and raw data were evaluated.

Continuing instrument calibrations were performed according to requirements and met specified control limits listed in the functional guidelines.

PEST/AROCLOR: Yes_X_ No___

Comments: Continuing calibration standards were analyzed at the required frequency. The percent differences (%Ds) between the calculated amounts and the true amounts were less than or equal to 25% for the individual standards that bracketed the samples. Summary forms and raw data were evaluated.

4. SURROGATE COMPOUND RECOVERY

Surrogate compound recovery analysis was performed according to method requirements and results met specified control limits.

PEST/AROCLOR: Yes_X_ No___

Comments: Surrogate compounds were added to all samples and blanks. The surrogate percent recoveries (%Rs) were all within the QC limits. Summary forms and raw data were evaluated.

5. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix Spike/Matrix Spike Duplicate (MS/MSD) analyses were performed according to method requirements and results met recommended recovery and precision limits.

PEST/AROCLOR: Yes___ No_X_ NA___

Comments: MS/MSD analyses were performed on soil sample H1BX3. Summary forms and raw data were evaluated.

The following table lists the results for the MS/MSD analyses that were outside criteria; however, no action is taken based solely on MS/MSD:

Sample	Compound	Percent Recovery		RPD	Control Limits		Qualifiers
		MS	MSD		% R	RPD	
H1BX0	gamma-BHC	0	--	NA	46-127	--	None
	Heptachlor	0	--	NA	35-130	--	
	Aldrin	9	--	154	34-132	43	

Sample	Compound	Percent Recovery		RPD	Control Limits		Qualifiers
		MS	MSD		% R	RPD	
H1BX0	Endrin	0	--	NA	42-139	--	None
	4,4'-DDT	-39	154	336	23-134	50	
	Dieldrin	--	--	43	--	38	

Although the MS recoveries were extremely low, no qualification was taken due to the 10x dilution of the sample and because the MSD recoveries were within criteria, with the exception of 4,4'-DDT, which was elevated in the MSD.

6. PESTICIDE / AROCLOR INSTRUMENT PERFORMANCE

The pesticide resolution check mixture analysis was performed according to method requirements and results met recommended recovery limits.

PEST/AROCLOR: Yes_X_ No___

Comments: All resolution criteria were met.

The pesticide performance evaluation mixture (PEM) analysis was performed according to method requirements and results met recommended recovery limits.

PEST/AROCLOR: Yes_X_ No___

Comments: PEM analyses were analyzed at the required frequency. Summary forms and raw data were evaluated. The percent differences (%Ds) between the calculated amounts and the true amounts were less than or equal to 25%.

The breakdowns of 4,4'-DDT and Endrin were less than 20% and the combined breakdown was less than 30%.

PEST/AROCLOR: Yes_X_ No___

Comments: All breakdown criteria were met.

The decachlorobiphenyl (DCB) and tetrachloro-m-xylene (TCMX) retention time shifts were within the specified control limits.

PEST/AROCLOR: Yes_X_ No___

Comments: All retention time shift criteria for this data package were met, for all undiluted analyses.

7. PESTICIDE CLEANUP CHECKS

The florisil cartridge lot check analysis was performed according to requirements and all spike compounds were within the specified quality control limits.

PEST/AROCLOR: Yes_X_ No___

Comments: All recoveries were within 80-120%.

The gel permeation chromatography (GPC) check was performed according to requirements and all spike compounds were within the specified quality control limits.

PEST/AROCLOR: Yes_X_ No___ NA___

Comments: All recoveries were within 80-110%..

8. LABORATORY BLANK ANALYSIS RESULTS

The laboratory blank analysis was performed according to method requirements and met specified control limits.

PEST/AROCLOR: Yes_X_ No___

Comments: Method blanks were reported per matrix, per concentration level, and for each extraction batch. Additionally, instrument blanks were analyzed. Contamination was not detected in the method blank or instrument blanks. Summary forms and raw data were evaluated.

9. SAMPLE RESULTS

The sample results were reviewed and all compound identifications were acceptable and met method requirements.

PEST/AROCLOR: Yes_X_ No___

Comments: No problems with the identification of the sample results were found. All retention times were met for the detected results.

All results were reported from a 10x dilution.

Various detected results were flagged "P" by the laboratory indicating the %Ds between the results quantitated on each column exceeded 25%. Results were reported as a positive result based on the retention time windows even though the %Ds between columns exceeded 25%. The detected results flagged "P" by the laboratory were qualified as estimated (J) in all samples.

10. Additional Comments or Problems/Resolutions Not Addressed Above

PEST/AROCLOR: Yes___ No_X_

Comments: None.

ORGANIC DATA QUALITY ASSURANCE REVIEW

Region VIII

DATA QUALIFIER DEFINITIONS

For the purpose of Data Validation, the following code letters and associated definitions are provided for use by the data validator to summarize the data quality.

GENERAL QUALIFIERS for use with both INORGANIC and ORGANIC DATA

R - Reported value is "rejected." Resampling or reanalysis may be necessary to verify the presence or absence of the compound.

J - The associated numerical value is an estimated quantity because the Quality Control criteria were not met.

U J - The reported quantitation limit is estimated because Quality Control criteria were not met. Element or compound was not detected.

N J - Estimated value of a tentatively identified compound. (Identified with a CAS number.) ORGANICS analysis only.

U - The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW5

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-01

Sample wt/vol: 6.4(g/mL) G Lab File ID: LX698

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 20 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	15	B
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1/20/05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW5

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-01

Sample wt/vol: 6.4(g/mL) G Lab File ID: LX698

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 20 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
79-01-6	Trichloroethene	10	U	
108-87-2	Methylcyclohexane	10	U	
78-87-5	1,2-Dichloropropane	10	U	
75-27-4	Bromodichloromethane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
108-10-1	4-Methyl-2-Pentanone	10	U	
108-88-3	Toluene	10	U	
10061-02-6	trans-1,3-Dichloropropene	10	U	
79-00-5	1,1,2-Trichloroethane	10	U	
127-18-4	Tetrachloroethene	10	U	
591-78-6	2-Hexanone	10	U	UJ
124-48-1	Dibromochloromethane	10	U	
106-93-4	1,2-Dibromoethane	10	U	
108-90-7	Chlorobenzene	10	U	
100-41-4	Ethylbenzene	10	U	
1330-20-7	Xylene (Total)	10	U	
100-42-5	Styrene	10	U	
75-25-2	Bromoform	10	U	
98-82-8	Isopropylbenzene	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	
541-73-1	1,3-Dichlorobenzene	10	U	
106-46-7	1,4-Dichlorobenzene	10	U	
95-50-1	1,2-Dichlorobenzene	10	U	
96-12-8	1,2-Dibromo-3-chloropropane	10	U	
120-82-1	1,2,4-Trichlorobenzene	10	U	UJ

11/10/05

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BW5

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-01

Sample wt/vol: 6.4 (g/mL) G Lab File ID: LX698

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 20 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1/20/05

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW6

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-02

Sample wt/vol: 6.4(g/mL) G Lab File ID: LX699

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 26 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
75-71-8	Dichlorodifluoromethane	11	U	UJ
74-87-3	Chloromethane	11	U	
75-01-4	Vinyl Chloride	11	U	
74-83-9	Bromomethane	11	U	
75-00-3	Chloroethane	11	U	
75-69-4	Trichlorofluoromethane	11	U	
75-35-4	1,1-Dichloroethene	11	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U	
67-64-1	Acetone	3	J	J
75-15-0	Carbon Disulfide	11	U	
79-20-9	Methyl Acetate	11	U	
75-09-2	Methylene Chloride	15	B	J
156-60-5	trans-1,2-Dichloroethene	11	U	
1634-04-4	tert-Butyl Methyl Ether	11	U	
75-34-3	1,1-Dichloroethane	11	U	
156-59-2	cis-1,2-Dichloroethene	11	U	
78-93-3	2-Butanone	11	U	UJ
67-66-3	Chloroform	11	U	
71-55-6	1,1,1-Trichloroethane	11	U	
110-82-7	Cyclohexane	11	U	
56-23-5	Carbon Tetrachloride	11	U	
71-43-2	Benzene	11	U	
107-06-2	1,2-Dichloroethane	11	U	

1/20/05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW6

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-02

Sample wt/vol: 6.4(g/mL) G Lab File ID: LX699

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 26 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
79-01-6	Trichloroethene	11	U	
108-87-2	Methylcyclohexane	11	U	
78-87-5	1,2-Dichloropropane	11	U	
75-27-4	Bromodichloromethane	11	U	
10061-01-5	cis-1,3-Dichloropropene	11	U	
108-10-1	4-Methyl-2-Pentanone	11	U	
108-88-3	Toluene	11	U	
10061-02-6	trans-1,3-Dichloropropene	11	U	
79-00-5	1,1,2-Trichloroethane	11	U	
127-18-4	Tetrachloroethene	11	U	
591-78-6	2-Hexanone	11	U	UJ
124-48-1	Dibromochloromethane	11	U	
106-93-4	1,2-Dibromoethane	11	U	
108-90-7	Chlorobenzene	11	U	
100-41-4	Ethylbenzene	11	U	
1330-20-7	Xylene (Total)	11	U	
100-42-5	Styrene	11	U	
75-25-2	Bromoform	11	U	
98-82-8	Isopropylbenzene	11	U	
79-34-5	1,1,2,2-Tetrachloroethane	11	U	
541-73-1	1,3-Dichlorobenzene	11	U	
106-46-7	1,4-Dichlorobenzene	11	U	
95-50-1	1,2-Dichlorobenzene	11	U	
96-12-8	1,2-Dibromo-3-chloropropane	11	U	
120-82-1	1,2,4-Trichlorobenzene	11	U	UJ

JT 1/20/05

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BW6

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-02

Sample wt/vol: 6.4 (g/mL) G Lab File ID: LX699

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 26 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW7

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-03

Sample wt/vol: 6.4(g/mL) G Lab File ID: LX700

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 23 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
75-71-8	Dichlorodifluoromethane	10	U	UJ
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-69-4	Trichlorofluoromethane	6	J	
75-35-4	1,1-Dichloroethene	10	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	
67-64-1	Acetone	3	J	J
75-15-0	Carbon Disulfide	10	U	
79-20-9	Methyl Acetate	10	U	
75-09-2	Methylene Chloride	10 UJ 9	JB	
156-60-5	trans-1,2-Dichloroethene	10	U	
1634-04-4	tert-Butyl Methyl Ether	10	U	
75-34-3	1,1-Dichloroethane	10	U	
156-59-2	cis-1,2-Dichloroethene	10	U	
78-93-3	2-Butanone	10	U	UJ
67-66-3	Chloroform	10	U	
71-55-6	1,1,1-Trichloroethane	10	U	
110-82-7	Cyclohexane	10	U	
56-23-5	Carbon Tetrachloride	10	U	
71-43-2	Benzene	10	U	
107-06-2	1,2-Dichloroethane	10	U	

JT 1/20/05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW7

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-03

Sample wt/vol: 6.4(g/mL) G Lab File ID: LX700

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 23 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
79-01-6	Trichloroethene	10	U	
108-87-2	Methylcyclohexane	10	U	
78-87-5	1,2-Dichloropropane	10	U	
75-27-4	Bromodichloromethane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
108-10-1	4-Methyl-2-Pentanone	10	U	
108-88-3	Toluene	10	U	
10061-02-6	trans-1,3-Dichloropropene	10	U	
79-00-5	1,1,2-Trichloroethane	10	U	
127-18-4	Tetrachloroethene	10	U	
591-78-6	2-Hexanone	10	U	UJ
124-48-1	Dibromochloromethane	10	U	
106-93-4	1,2-Dibromoethane	10	U	
108-90-7	Chlorobenzene	10	U	
100-41-4	Ethylbenzene	10	U	
1330-20-7	Xylene (Total)	10	U	
100-42-5	Styrene	10	U	
75-25-2	Bromoform	10	U	
98-82-8	Isopropylbenzene	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	
541-73-1	1,3-Dichlorobenzene	10	U	
106-46-7	1,4-Dichlorobenzene	10	U	
95-50-1	1,2-Dichlorobenzene	10	U	
96-12-8	1,2-Dibromo-3-chloropropane	10	U	
120-82-1	1,2,4-Trichlorobenzene	10	U	UJ

LT 1/20/05

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BW7

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-03

Sample wt/vol: 6.4 (g/mL) G Lab File ID: LX700

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 23 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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LT 1/20/05

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

H1BW8

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-04

Sample wt/vol: 7.1(g/mL) G Lab File ID: LX701

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 19 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
75-71-8	Dichlorodifluoromethane	10	U	UJ
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-69-4	Trichlorofluoromethane	4	J	
75-35-4	1,1-Dichloroethene	10	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	
67-64-1	Acetone	2	J	J
75-15-0	Carbon Disulfide	10	U	
79-20-9	Methyl Acetate	10	U	
75-09-2	Methylene Chloride	10	B	UJ
156-60-5	trans-1,2-Dichloroethene	10	U	
1634-04-4	tert-Butyl Methyl Ether	10	U	
75-34-3	1,1-Dichloroethane	10	U	
156-59-2	cis-1,2-Dichloroethene	10	U	
78-93-3	2-Butanone	10	U	UJ
67-66-3	Chloroform	10	U	
71-55-6	1,1,1-Trichloroethane	10	U	
110-82-7	Cyclohexane	10	U	
56-23-5	Carbon Tetrachloride	10	U	
71-43-2	Benzene	10	U	
107-06-2	1,2-Dichloroethane	10	U	

LT 1/20/05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW8

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-04

Sample wt/vol: 7.1(g/mL) G Lab File ID: LX701

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 19 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U UJ
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U UJ

UJ 1/20/05

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BW8

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-04

Sample wt/vol: 7.1 (g/mL) G Lab File ID: LX701

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 19 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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LT 1/20/05

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW9

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-05

Sample wt/vol: 5.5(g/mL) G Lab File ID: LX702

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 14 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
75-71-8	Dichlorodifluoromethane	11	U	UJ
74-87-3	Chloromethane	11	U	
75-01-4	Vinyl Chloride	11	U	
74-83-9	Bromomethane	11	U	
75-00-3	Chloroethane	11	U	
75-69-4	Trichlorofluoromethane	2	J	
75-35-4	1,1-Dichloroethene	11	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U	
67-64-1	Acetone	11	U	UJ
75-15-0	Carbon Disulfide	11	U	
79-20-9	Methyl Acetate	11	U	
75-09-2	Methylene Chloride	13	B	UJ
156-60-5	trans-1,2-Dichloroethene	11	U	
1634-04-4	tert-Butyl Methyl Ether	11	U	
75-34-3	1,1-Dichloroethane	11	U	
156-59-2	cis-1,2-Dichloroethene	11	U	
78-93-3	2-Butanone	11	U	UJ
67-66-3	Chloroform	11	U	
71-55-6	1,1,1-Trichloroethane	11	U	
110-82-7	Cyclohexane	11	U	
56-23-5	Carbon Tetrachloride	11	U	
71-43-2	Benzene	11	U	
107-06-2	1,2-Dichloroethane	11	U	

LT 1/20/05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW9

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-05

Sample wt/vol: 5.5(g/mL) G Lab File ID: LX702

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 14 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
79-01-6	Trichloroethene	11	U	
108-87-2	Methylcyclohexane	11	U	
78-87-5	1,2-Dichloropropane	11	U	
75-27-4	Bromodichloromethane	11	U	
10061-01-5	cis-1,3-Dichloropropene	11	U	
108-10-1	4-Methyl-2-Pentanone	11	U	
108-88-3	Toluene	11	U	
10061-02-6	trans-1,3-Dichloropropene	11	U	
79-00-5	1,1,2-Trichloroethane	11	U	
127-18-4	Tetrachloroethene	11	U	
591-78-6	2-Hexanone	11	U	UJ
124-48-1	Dibromochloromethane	11	U	
106-93-4	1,2-Dibromoethane	11	U	
108-90-7	Chlorobenzene	11	U	
100-41-4	Ethylbenzene	11	U	
1330-20-7	Xylene (Total)	11	U	
100-42-5	Styrene	11	U	
75-25-2	Bromoform	11	U	
98-82-8	Isopropylbenzene	11	U	
79-34-5	1,1,2,2-Tetrachloroethane	11	U	
541-73-1	1,3-Dichlorobenzene	11	U	
106-46-7	1,4-Dichlorobenzene	11	U	
95-50-1	1,2-Dichlorobenzene	11	U	
96-12-8	1,2-Dibromo-3-chloropropane	11	U	
120-82-1	1,2,4-Trichlorobenzene	11	U	UJ

VT 1/00/05

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

H1BW9

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-05

Sample wt/vol: 5.5 (g/mL) G Lab File ID: LX702

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 14 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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LT 1/20/05

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX0

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-06

Sample wt/vol: 7.2(g/mL) G Lab File ID: LX703

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 17 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
75-71-8	Dichlorodifluoromethane	10	U	UJ
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-69-4	Trichlorofluoromethane	10	U	
75-35-4	1,1-Dichloroethene	10	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	
67-64-1	Acetone	1	J	J
75-15-0	Carbon Disulfide	10	U	
79-20-9	Methyl Acetate	10	U	
75-09-2	Methylene Chloride	5	JB	10 UJ
156-60-5	trans-1,2-Dichloroethene	10	U	
1634-04-4	tert-Butyl Methyl Ether	10	U	
75-34-3	1,1-Dichloroethane	10	U	
156-59-2	cis-1,2-Dichloroethene	10	U	
78-93-3	2-Butanone	10	U	UJ
67-66-3	Chloroform	10	U	
71-55-6	1,1,1-Trichloroethane	10	U	
110-82-7	Cyclohexane	10	U	
56-23-5	Carbon Tetrachloride	10	U	
71-43-2	Benzene	10	U	
107-06-2	1,2-Dichloroethane	10	U	

LT 1/20/05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX0

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-06

Sample wt/vol: 7.2(g/mL) G Lab File ID: LX703

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 17 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
79-01-6	Trichloroethene	10	U	
108-87-2	Methylcyclohexane	10	U	
78-87-5	1,2-Dichloropropane	10	U	
75-27-4	Bromodichloromethane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
108-10-1	4-Methyl-2-Pentanone	10	U	
108-88-3	Toluene	10	U	
10061-02-6	trans-1,3-Dichloropropene	10	U	
79-00-5	1,1,2-Trichloroethane	10	U	
127-18-4	Tetrachloroethene	10	U	
591-78-6	2-Hexanone	10	U	UJ
124-48-1	Dibromochloromethane	10	U	
106-93-4	1,2-Dibromoethane	10	U	
108-90-7	Chlorobenzene	10	U	
100-41-4	Ethylbenzene	10	U	
1330-20-7	Xylene (Total)	10	U	
100-42-5	Styrene	10	U	
75-25-2	Bromoform	10	U	
98-82-8	Isopropylbenzene	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	
541-73-1	1,3-Dichlorobenzene	10	U	
106-46-7	1,4-Dichlorobenzene	10	U	
95-50-1	1,2-Dichlorobenzene	10	U	
96-12-8	1,2-Dibromo-3-chloropropane	10	U	
120-82-1	1,2,4-Trichlorobenzene	10	U	UJ

JT 1/20/05

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BX0

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-06

Sample wt/vol: 7.2 (g/mL) G Lab File ID: LX703

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 17 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
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JT 1/10/05

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX1

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-07

Sample wt/vol: 7.5(g/mL) G Lab File ID: LX704

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 19 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
75-71-8	Dichlorodifluoromethane	10	U	UJ
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-69-4	Trichlorofluoromethane	10	U	
75-35-4	1,1-Dichloroethene	10	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	
67-64-1	Acetone	2	J	J
75-15-0	Carbon Disulfide	10	U	
79-20-9	Methyl Acetate	10	U	
75-09-2	Methylene Chloride	4	JB	10U
156-60-5	trans-1,2-Dichloroethene	10	U	
1634-04-4	tert-Butyl Methyl Ether	10	U	
75-34-3	1,1-Dichloroethane	10	U	
156-59-2	cis-1,2-Dichloroethene	10	U	
78-93-3	2-Butanone	10	U	UJ
67-66-3	Chloroform	10	U	
71-55-6	1,1,1-Trichloroethane	10	U	
110-82-7	Cyclohexane	10	U	
56-23-5	Carbon Tetrachloride	10	U	
71-43-2	Benzene	10	U	
107-06-2	1,2-Dichloroethane	10	U	

LT 1/20/05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX1

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-07

Sample wt/vol: 7.5(g/mL) G Lab File ID: LX704

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 19 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
79-01-6	Trichloroethene	10	U	
108-87-2	Methylcyclohexane	10	U	
78-87-5	1,2-Dichloropropane	10	U	
75-27-4	Bromodichloromethane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
108-10-1	4-Methyl-2-Pentanone	10	U	
108-88-3	Toluene	10	U	
10061-02-6	trans-1,3-Dichloropropene	10	U	
79-00-5	1,1,2-Trichloroethane	10	U	
127-18-4	Tetrachloroethene	10	U	
591-78-6	2-Hexanone	10	U	UJ
124-48-1	Dibromochloromethane	10	U	
106-93-4	1,2-Dibromoethane	10	U	
108-90-7	Chlorobenzene	10	U	
100-41-4	Ethylbenzene	10	U	
1330-20-7	Xylene (Total)	10	U	
100-42-5	Styrene	10	U	
75-25-2	Bromoform	10	U	
98-82-8	Isopropylbenzene	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	
541-73-1	1,3-Dichlorobenzene	10	U	
106-46-7	1,4-Dichlorobenzene	10	U	
95-50-1	1,2-Dichlorobenzene	10	U	
96-12-8	1,2-Dibromo-3-chloropropane	10	U	
120-82-1	1,2,4-Trichlorobenzene	10	U	UJ

JT 1/20/05

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BX1

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-07

Sample wt/vol: 7.5 (g/mL) G Lab File ID: LX704

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 19 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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JT 1/06/05

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX2

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-08

Sample wt/vol: 6.9(g/mL) G Lab File ID: LX705

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 13 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
75-71-8	Dichlorodifluoromethane	10	U	UJ
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-69-4	Trichlorofluoromethane	10	U	
75-35-4	1,1-Dichloroethene	10	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	
67-64-1	Acetone	0.9	J	J
75-15-0	Carbon Disulfide	10	U	
79-20-9	Methyl Acetate	10	U	
75-09-2	Methylene Chloride	4	JB	UJ
156-60-5	trans-1,2-Dichloroethene	10	U	
1634-04-4	tert-Butyl Methyl Ether	10	U	
75-34-3	1,1-Dichloroethane	10	U	
156-59-2	cis-1,2-Dichloroethene	10	U	
78-93-3	2-Butanone	10	U	UJ
67-66-3	Chloroform	10	U	
71-55-6	1,1,1-Trichloroethane	10	U	
110-82-7	Cyclohexane	10	U	
56-23-5	Carbon Tetrachloride	10	U	
71-43-2	Benzene	10	U	
107-06-2	1,2-Dichloroethane	10	U	

JT 1/20/05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX2

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-08

Sample wt/vol: 6.9(g/mL) G Lab File ID: LX705

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 13 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
79-01-6	Trichloroethene	10	U	
108-87-2	Methylcyclohexane	10	U	
78-87-5	1,2-Dichloropropane	10	U	
75-27-4	Bromodichloromethane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
108-10-1	4-Methyl-2-Pentanone	10	U	
108-88-3	Toluene	10	U	
10061-02-6	trans-1,3-Dichloropropene	10	U	
79-00-5	1,1,2-Trichloroethane	10	U	
127-18-4	Tetrachloroethene	10	U	
591-78-6	2-Hexanone	10	U	UJ
124-48-1	Dibromochloromethane	10	U	
106-93-4	1,2-Dibromoethane	10	U	
108-90-7	Chlorobenzene	10	U	
100-41-4	Ethylbenzene	10	U	
1330-20-7	Xylene (Total)	10	U	
100-42-5	Styrene	10	U	
75-25-2	Bromoform	10	U	
98-82-8	Isopropylbenzene	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	
541-73-1	1,3-Dichlorobenzene	10	U	
106-46-7	1,4-Dichlorobenzene	10	U	
95-50-1	1,2-Dichlorobenzene	10	U	
96-12-8	1,2-Dibromo-3-chloropropane	10	U	
120-82-1	1,2,4-Trichlorobenzene	10	U	UJ

JT 1/10/05

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BX2

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-08

Sample wt/vol: 6.9 (g/mL) G Lab File ID: LX705

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 13 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX3

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-09

Sample wt/vol: 4.5(g/mL) G Lab File ID: LX706

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 27 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
75-71-8	Dichlorodifluoromethane	15	U	UJ
74-87-3	Chloromethane	15	U	
75-01-4	Vinyl Chloride	15	U	
74-83-9	Bromomethane	15	U	
75-00-3	Chloroethane	15	U	
75-69-4	Trichlorofluoromethane	15	U	
75-35-4	1,1-Dichloroethene	15	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15	U	
67-64-1	Acetone	15	U	UJ
75-15-0	Carbon Disulfide	15	U	
79-20-9	Methyl Acetate	15	U	
75-09-2	Methylene Chloride	6	JB	15U
156-60-5	trans-1,2-Dichloroethene	15	U	
1634-04-4	tert-Butyl Methyl Ether	15	U	
75-34-3	1,1-Dichloroethane	15	U	
156-59-2	cis-1,2-Dichloroethene	15	U	
78-93-3	2-Butanone	15	U	UJ
67-66-3	Chloroform	15	U	
71-55-6	1,1,1-Trichloroethane	15	U	
110-82-7	Cyclohexane	15	U	
56-23-5	Carbon Tetrachloride	15	U	
71-43-2	Benzene	15	U	
107-06-2	1,2-Dichloroethane	15	U	

VT 1/20/05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX3

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-09

Sample wt/vol: 4.5(g/mL) G Lab File ID: LX706

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 27 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
79-01-6	Trichloroethene	15	U	
108-87-2	Methylcyclohexane	15	U	
78-87-5	1,2-Dichloropropane	15	U	
75-27-4	Bromodichloromethane	15	U	
10061-01-5	cis-1,3-Dichloropropene	15	U	
108-10-1	4-Methyl-2-Pentanone	15	U	
108-88-3	Toluene	15	U	
10061-02-6	trans-1,3-Dichloropropene	15	U	
79-00-5	1,1,2-Trichloroethane	15	U	
127-18-4	Tetrachloroethene	15	U	
591-78-6	2-Hexanone	15	U	UJ
124-48-1	Dibromochloromethane	15	U	
106-93-4	1,2-Dibromoethane	15	U	
108-90-7	Chlorobenzene	15	U	
100-41-4	Ethylbenzene	15	U	
1330-20-7	Xylene (Total)	15	U	
100-42-5	Styrene	15	U	
75-25-2	Bromoform	15	U	
98-82-8	Isopropylbenzene	15	U	
79-34-5	1,1,2,2-Tetrachloroethane	15	U	
541-73-1	1,3-Dichlorobenzene	15	U	
106-46-7	1,4-Dichlorobenzene	15	U	
95-50-1	1,2-Dichlorobenzene	15	U	
96-12-8	1,2-Dibromo-3-chloropropane	15	U	
120-82-1	1,2,4-Trichlorobenzene	15	U	UJ

11/10/05

1F

EPA SAMPLE NO.

H1BX3

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-09

Sample wt/vol: 4.5 (g/mL) G Lab File ID: LX706

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 27 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

H1BX4

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-10

Sample wt/vol: 6.1(g/mL) G Lab File ID: LX707

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 16 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
75-71-8	Dichlorodifluoromethane	10	U	UJ
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-69-4	Trichlorofluoromethane	2	J	
75-35-4	1,1-Dichloroethene	10	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	
67-64-1	Acetone	10	U	UJ
75-15-0	Carbon Disulfide	10	U	
79-20-9	Methyl Acetate	10	U	
75-09-2	Methylene Chloride	5	JB	10 UJ
156-60-5	trans-1,2-Dichloroethene	10	U	
1634-04-4	tert-Butyl Methyl Ether	10	U	
75-34-3	1,1-Dichloroethane	10	U	
156-59-2	cis-1,2-Dichloroethene	10	U	
78-93-3	2-Butanone	10	U	UJ
67-66-3	Chloroform	10	U	
71-55-6	1,1,1-Trichloroethane	10	U	
110-82-7	Cyclohexane	10	U	
56-23-5	Carbon Tetrachloride	10	U	
71-43-2	Benzene	10	U	
107-06-2	1,2-Dichloroethane	10	U	

UJ 1/20/05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX4

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-10

Sample wt/vol: 6.1(g/mL) G Lab File ID: LX707

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 16 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
79-01-6	Trichloroethene	10	U	
108-87-2	Methylcyclohexane	10	U	
78-87-5	1,2-Dichloropropane	10	U	
75-27-4	Bromodichloromethane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
108-10-1	4-Methyl-2-Pentanone	10	U	
108-88-3	Toluene	10	U	
10061-02-6	trans-1,3-Dichloropropene	10	U	
79-00-5	1,1,2-Trichloroethane	10	U	
127-18-4	Tetrachloroethene	10	U	
591-78-6	2-Hexanone	10	U	UJ
124-48-1	Dibromochloromethane	10	U	
106-93-4	1,2-Dibromoethane	10	U	
108-90-7	Chlorobenzene	10	U	
100-41-4	Ethylbenzene	10	U	
1330-20-7	Xylene (Total)	10	U	
100-42-5	Styrene	10	U	
75-25-2	Bromoform	10	U	
98-82-8	Isopropylbenzene	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	
541-73-1	1,3-Dichlorobenzene	10	U	
106-46-7	1,4-Dichlorobenzene	10	U	
95-50-1	1,2-Dichlorobenzene	10	U	
96-12-8	1,2-Dibromo-3-chloropropane	10	U	
120-82-1	1,2,4-Trichlorobenzene	10	U	UJ

UJ 1/20/05

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BX4

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-10

Sample wt/vol: 6.1 (g/mL) G Lab File ID: LX707

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: not dec. 16 Date Analyzed: 11/02/04

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
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30.					

11/20/05

100

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW5

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-01

Sample wt/vol: 30.1(g/mL) G Lab File ID: JN180

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 20 Decanted: (Y/N)N Date Extracted: 11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 15.0

GPC Cleanup: (Y/N) Y pH: 8.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	6200	U
108-95-2	Phenol	6200	U
111-44-4	bis(2-Chloroethyl)Ether	6200	U
95-57-8	2-Chlorophenol	6200	U
95-48-7	2-Methylphenol	6200	U
108-60-1	2,2'-oxybis(1-Chloropropane)	6200	U
98-86-2	Acetophenone	6200	U
106-44-5	4-Methylphenol	6200	U
621-64-7	N-Nitroso-di-n-propylamine	6200	U
67-72-1	Hexachloroethane	6200	U
98-95-3	Nitrobenzene	6200	U
78-59-1	Isophorone	6200	U
88-75-5	2-Nitrophenol	6200	U
105-67-9	2,4-Dimethylphenol	6200	U
111-91-1	bis(2-Chloroethoxy)methane	6200	U
120-83-2	2,4-Dichlorophenol	6200	U
91-20-3	Naphthalene	6200	U
106-47-8	4-Chloroaniline	6200	U
87-68-3	Hexachlorobutadiene	6200	U
105-60-2	Caprolactam	6200	U
59-50-7	4-Chloro-3-Methylphenol	6200	U
91-57-6	2-Methylnaphthalene	680	J
77-47-4	Hexachlorocyclopentadiene	6200	U
88-06-2	2,4,6-Trichlorophenol	6200	U
95-95-4	2,4,5-Trichlorophenol	16000	U
92-52-4	1,1'-Biphenyl	6200	U
91-58-7	2-Chloronaphthalene	6200	U
88-74-4	2-Nitroaniline	16000	U
131-11-3	Dimethylphthalate	6200	U
606-20-2	2,6-Dinitrotoluene	6200	U
208-96-8	Acenaphthylene	6200	U
99-09-2	3-Nitroaniline	16000	U
83-32-9	Acenaphthene	6200	U

11/10/04

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW5

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-01

Sample wt/vol: 30.1(g/mL) G Lab File ID: JN180

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 20 Decanted: (Y/N)N Date Extracted: 11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 15.0

GPC Cleanup: (Y/N) Y pH: 8.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
51-28-5	2,4-Dinitrophenol	16000	U	UJ
100-02-7	4-Nitrophenol	16000	U	UJ
132-64-9	Dibenzofuran	6200	U	
121-14-2	2,4-Dinitrotoluene	6200	U	
84-66-2	Diethylphthalate	6200	U	
86-73-7	Fluorene	6200	U	
7005-72-3	4-Chlorophenyl-phenylether	6200	U	
100-01-6	4-Nitroaniline	16000	U	
534-52-1	4,6-Dinitro-2-methylphenol	16000	U	UJ
86-30-6	N-nitrosodiphenylamine (1)	6200	U	
101-55-3	4-Bromophenyl-phenylether	6200	U	
118-74-1	Hexachlorobenzene	6200	U	
1912-24-9	Atrazine	6200	U	
87-86-5	Pentachlorophenol	16000	U	
85-01-8	Phenanthrene	1000	J	
120-12-7	Anthracene	6200	U	
86-74-8	Carbazole	6200	U	
84-74-2	Di-n-butylphthalate	760	J	
206-44-0	Fluoranthene	1400	J	
129-00-0	Pyrene	1500	J	
85-68-7	Butylbenzylphthalate	1900	J	
91-94-1	3,3'-Dichlorobenzidine	6200	U	
56-55-3	Benzo(a)anthracene	840	J	
218-01-9	Chrysene	1000	J	
117-81-7	bis(2-Ethylhexyl)phthalate	48000		
117-84-0	Di-n-octylphthalate	6200	U	
205-99-2	Benzo(b)fluoranthene	830	J	
207-08-9	Benzo(k)fluoranthene	770	J	
50-32-8	Benzo(a)pyrene	770	J	
193-39-5	Indeno(1,2,3-cd)pyrene	6200	U	
53-70-3	Dibenzo(a,h)anthracene	6200	U	
191-24-2	Benzo(g,h,i)perylene	1100	J	

(1) - Cannot be separated from Diphenylamine

1/20/05

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BW5

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-01

Sample wt/vol: 30.1 (g/mL) G Lab File ID: JN180

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 20 Decanted: (Y/N) N Date Extracted:11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 15.0

GPC Cleanup: (Y/N) Y pH: 8.5 Extraction: (Type) SONC

Number TICs found: 16 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	7.79	1200	J
2.	581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	9.38	3300	NJ
3.		UNKNOWN	9.51	1400	J
4.	2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	10.34	2800	NJ
5.	2131-41-1	NAPHTHALENE, 1,4,5-TRIMETHYL	10.52	2000	NJ
6.	483-78-3	NAPHTHALENE, 1,6-DIMETHYL-4-	10.95	3600	NJ
7.		UNKNOWN	11.45	2400	J
8.		UNKNOWN FATTY ACID	12.03	1300	J
9.		UNKNOWN	12.34	2200	J
10.		UNKNOWN	12.76	2000	J
11.		UNKNOWN	13.75	7100	J
12.		UNKNOWN	17.10	5300	J
13.		UNKNOWN	18.53	4200	J
14.		UNKNOWN	18.97	6000	J
15.		UNKNOWN	19.55	12000	J
16.		UNKNOWN	21.53	8200	J
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

11/4/05

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW6

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-02

Sample wt/vol: 1.1(g/mL) G Lab File ID: JN186

Level: (low/med) MED Date Received: 10/30/04

% Moisture: 26 Decanted: (Y/N)N Date Extracted: 11/08/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	12000	U
108-95-2	Phenol	12000	U
111-44-4	bis(2-Chloroethyl)Ether	12000	U
95-57-8	2-Chlorophenol	12000	U
95-48-7	2-Methylphenol	12000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	12000	U
98-86-2	Acetophenone	12000	U
106-44-5	4-Methylphenol	12000	U
621-64-7	N-Nitroso-di-n-propylamine	12000	U
67-72-1	Hexachloroethane	12000	U
98-95-3	Nitrobenzene	12000	U
78-59-1	Isophorone	12000	U
88-75-5	2-Nitrophenol	12000	U
105-67-9	2,4-Dimethylphenol	12000	U
111-91-1	bis(2-Chloroethoxy)methane	12000	U
120-83-2	2,4-Dichlorophenol	12000	U
91-20-3	Naphthalene	12000	U
106-47-8	4-Chloroaniline	12000	U
87-68-3	Hexachlorobutadiene	12000	U
105-60-2	Caprolactam	12000	U
59-50-7	4-Chloro-3-Methylphenol	12000	U
91-57-6	2-Methylnaphthalene	12000	U
77-47-4	Hexachlorocyclopentadiene	12000	U UJ
88-06-2	2,4,6-Trichlorophenol	12000	U
95-95-4	2,4,5-Trichlorophenol	31000	U
92-52-4	1,1'-Biphenyl	12000	U
91-58-7	2-Chloronaphthalene	12000	U
88-74-4	2-Nitroaniline	31000	U
131-11-3	Dimethylphthalate	12000	U
606-20-2	2,6-Dinitrotoluene	12000	U
208-96-8	Acenaphthylene	12000	U
99-09-2	3-Nitroaniline	31000	U
83-32-9	Acenaphthene	12000	U

1/20/05

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW6

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-02

Sample wt/vol: 1.1(g/mL) G Lab File ID: JN186

Level: (low/med) MED Date Received: 10/30/04

% Moisture: 26 Decanted: (Y/N)N Date Extracted: 11/08/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	31000	U
100-02-7	4-Nitrophenol	31000	U
132-64-9	Dibenzofuran	12000	U
121-14-2	2,4-Dinitrotoluene	12000	U
84-66-2	Diethylphthalate	12000	U
86-73-7	Fluorene	12000	U
7005-72-3	4-Chlorophenyl-phenylether	12000	U
100-01-6	4-Nitroaniline	31000	U
534-52-1	4,6-Dinitro-2-methylphenol	31000	U
86-30-6	N-nitrosodiphenylamine (1)	12000	U
101-55-3	4-Bromophenyl-phenylether	12000	U
118-74-1	Hexachlorobenzene	12000	U
1912-24-9	Atrazine	12000	U
87-86-5	Pentachlorophenol	31000	U
85-01-8	Phenanthrene	1300	J
120-12-7	Anthracene	12000	U
86-74-8	Carbazole	12000	U
84-74-2	Di-n-butylphthalate	12000	U
206-44-0	Fluoranthene	2300	J
129-00-0	Pyrene	2500	J
85-68-7	Butylbenzylphthalate	12000	U
91-94-1	3,3'-Dichlorobenzidine	12000	U
56-55-3	Benzo(a)anthracene	1400	J
218-01-9	Chrysene	2300	J
117-81-7	bis(2-Ethylhexyl)phthalate	3300	J
117-84-0	Di-n-octylphthalate	12000	U
205-99-2	Benzo(b)fluoranthene	2000	J
207-08-9	Benzo(k)fluoranthene	1900	J
50-32-8	Benzo(a)pyrene	2200	J
193-39-5	Indeno(1,2,3-cd)pyrene	2700	J
53-70-3	Dibenzo(a,h)anthracene	12000	U
191-24-2	Benzo(g,h,i)perylene	3700	J

(1) - Cannot be separated from Diphenylamine

11/10/05

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BW6

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-02

Sample wt/vol: 1.1 (g/mL) G Lab File ID: JN186

Level: (low/med) MED Date Received: 10/30/04

% Moisture: 26 Decanted: (Y/N) N Date Extracted:11/08/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3 Extraction: (Type) SONC

Number TICs found: 9

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	7.42	3900	J
2.		UNKNOWN	11.68	3800	J
3.		UNKNOWN	12.02	6300	J
4.		UNKNOWN	12.24	4100	J
5.		UNKNOWN	13.75	2500	J
6.		UNKNOWN	14.95	3500	J
7.		UNKNOWN AMIDE	15.13	13000	J
8.		UNKNOWN	17.35	5100	J
9.		UNKNOWN	17.66	11000	J
10.					
11.					
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JT 1/10/05

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW7

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-03

Sample wt/vol: 30.3(g/mL) G Lab File ID: JN191

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 23 Decanted: (Y/N)N Date Extracted: 11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	2100	U
108-95-2	Phenol	2100	U
111-44-4	bis(2-Chloroethyl)Ether	2100	U
95-57-8	2-Chlorophenol	2100	U
95-48-7	2-Methylphenol	2100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2100	U
98-86-2	Acetophenone	2100	U
106-44-5	4-Methylphenol	2100	U
621-64-7	N-Nitroso-di-n-propylamine	2100	U
67-72-1	Hexachloroethane	2100	U
98-95-3	Nitrobenzene	2100	U
78-59-1	Isophorone	2100	U
88-75-5	2-Nitrophenol	2100	U
105-67-9	2,4-Dimethylphenol	2100	U
111-91-1	bis(2-Chloroethoxy)methane	2100	U
120-83-2	2,4-Dichlorophenol	2100	U
91-20-3	Naphthalene	710	J
106-47-8	4-Chloroaniline	2100	U
87-68-3	Hexachlorobutadiene	2100	U
105-60-2	Caprolactam	2100	U
59-50-7	4-Chloro-3-Methylphenol	2100	U
91-57-6	2-Methylnaphthalene	530	J
77-47-4	Hexachlorocyclopentadiene	2100	U UJ
88-06-2	2,4,6-Trichlorophenol	2100	U
95-95-4	2,4,5-Trichlorophenol	5300	U
92-52-4	1,1'-Biphenyl	2100	U
91-58-7	2-Chloronaphthalene	2100	U
88-74-4	2-Nitroaniline	5300	U
131-11-3	Dimethylphthalate	2100	U
606-20-2	2,6-Dinitrotoluene	2100	U
208-96-8	Acenaphthylene	2100	U
99-09-2	3-Nitroaniline	5300	U
83-32-9	Acenaphthene	1700	J

CT 1/20/05

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW7

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-03

Sample wt/vol: 30.3(g/mL) G Lab File ID: JN191

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 23 Decanted: (Y/N)N Date Extracted: 11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	5300	U
100-02-7	4-Nitrophenol	5300	U
132-64-9	Dibenzofuran	930	J
121-14-2	2,4-Dinitrotoluene	2100	U
84-66-2	Diethylphthalate	2100	U
86-73-7	Fluorene	1600	J
7005-72-3	4-Chlorophenyl-phenylether	2100	U
100-01-6	4-Nitroaniline	5300	U
534-52-1	4,6-Dinitro-2-methylphenol	5300	U
86-30-6	N-nitrosodiphenylamine (1)	2100	U
101-55-3	4-Bromophenyl-phenylether	2100	U
118-74-1	Hexachlorobenzene	2100	U
1912-24-9	Atrazine	2100	U
87-86-5	Pentachlorophenol	5300	U
85-01-8	Phenanthrene	14000	
120-12-7	Anthracene	3500	
86-74-8	Carbazole	2500	
84-74-2	Di-n-butylphthalate	230	J
206-44-0	Fluoranthene	17000	
129-00-0	Pyrene	16000	
85-68-7	Butylbenzylphthalate	2100	U
91-94-1	3,3'-Dichlorobenzidine	2100	U
56-55-3	Benzo(a)anthracene	8200	
218-01-9	Chrysene	9700	
117-81-7	bis(2-Ethylhexyl)phthalate	2200	
117-84-0	Di-n-octylphthalate	2100	U
205-99-2	Benzo(b)fluoranthene	8400	
207-08-9	Benzo(k)fluoranthene	6000	
50-32-8	Benzo(a)pyrene	8500	
193-39-5	Indeno(1,2,3-cd)pyrene	3700	
53-70-3	Dibenzo(a,h)anthracene	1700	J
191-24-2	Benzo(g,h,i)perylene	3300	

(1) - Cannot be separated from Diphenylamine

JT 1/20/05

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BW7

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-03

Sample wt/vol: 30.3 (g/mL) G Lab File ID: JN191

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 23 Decanted: (Y/N) N Date Extracted:11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.6 Extraction: (Type) SONC

Number TICs found: 24

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	90-12-0	NAPHTHALENE, 1-METHYL-	8.56	500	NJ
2.	581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	9.37	2300	NJ
3.		UNKNOWN PAH	9.50	520	J
4.	2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	10.33	2000	NJ
5.		UNKNOWN PAH	10.45	590	J
6.		UNKNOWN	11.46	5800	J
7.		UNKNOWN	11.52	2100	J
8.		UNKNOWN PAH	12.23	910	J
9.	3442-78-2	PYRENE, 2-METHYL-	13.34	1200	NJ
10.	243-17-4	11H-BENZO[B]FLUORENE	13.40	2200	NJ
11.	3442-78-2	PYRENE, 2-METHYL-	13.56	1700	NJ
12.	239-35-0	BENZO[B]NAPHTHO[2,1-D]THIOPH	14.01	2300	NJ
13.		UNKNOWN	14.44	1300	J
14.		UNKNOWN PAH	14.48	5400	J
15.		UNKNOWN PAH	14.78	1200	J
16.	1705-84-6	TRIPHENYLENE, 2-METHYL-	14.84	1100	NJ
17.	3351-28-8	CHRYSENE, 1-METHYL-	14.91	1300	NJ
18.		UNKNOWN	15.58	2700	J
19.	198-55-0	PERYLENE	16.48	3400	NJ
20.		UNKNOWN	18.57	3800	J
21.		UNKNOWN PAH	20.42	1300	J
22.		UNKNOWN	21.56	1200	J
23.		UNKNOWN	21.96	830	J
24.		UNKNOWN	23.31	790	J
25.					
26.					
27.					
28.					
29.					
30.					

11/10/05

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW8

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-04

Sample wt/vol: 30.5(g/mL) G Lab File ID: JN181

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 19 Decanted: (Y/N)N Date Extracted: 11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 9.0

GPC Cleanup: (Y/N) Y pH: 8.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	500	J
108-95-2	Phenol	3600	U
111-44-4	bis(2-Chloroethyl)Ether	3600	U
95-57-8	2-Chlorophenol	3600	U
95-48-7	2-Methylphenol	3600	U
108-60-1	2,2'-oxybis(1-Chloropropane)	3600	U
98-86-2	Acetophenone	1900	J
106-44-5	4-Methylphenol	3600	U
621-64-7	N-Nitroso-di-n-propylamine	3600	U
67-72-1	Hexachloroethane	3600	U
98-95-3	Nitrobenzene	3600	U
78-59-1	Isophorone	3600	U
88-75-5	2-Nitrophenol	3600	U
105-67-9	2,4-Dimethylphenol	3600	U
111-91-1	bis(2-Chloroethoxy)methane	3600	U
120-83-2	2,4-Dichlorophenol	3600	U
91-20-3	Naphthalene	3600	U
106-47-8	4-Chloroaniline	3600	U
87-68-3	Hexachlorobutadiene	3600	U
105-60-2	Caprolactam	3600	U
59-50-7	4-Chloro-3-Methylphenol	3600	U
91-57-6	2-Methylnaphthalene	650	J
77-47-4	Hexachlorocyclopentadiene	3600	U UJ
88-06-2	2,4,6-Trichlorophenol	3600	U
95-95-4	2,4,5-Trichlorophenol	9100	U
92-52-4	1,1'-Biphenyl	3600	U
91-58-7	2-Chloronaphthalene	3600	U
88-74-4	2-Nitroaniline	9100	U
131-11-3	Dimethylphthalate	520	J
606-20-2	2,6-Dinitrotoluene	3600	U
208-96-8	Acenaphthylene	3600	U
99-09-2	3-Nitroaniline	9100	U
83-32-9	Acenaphthene	3600	U

LT 1/20/05

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

H1BW8

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-04

Sample wt/vol: 30.5(g/mL) G Lab File ID: JN181

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 19 Decanted: (Y/N)N Date Extracted: 11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 9.0

GPC Cleanup: (Y/N) Y pH: 8.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
51-28-5	2,4-Dinitrophenol	9100	U	UJ
100-02-7	4-Nitrophenol	9100	U	UJ
132-64-9	Dibenzofuran	3600	U	
121-14-2	2,4-Dinitrotoluene	3600	U	
84-66-2	Diethylphthalate	3600	U	
86-73-7	Fluorene	3600	U	
7005-72-3	4-Chlorophenyl-phenylether	3600	U	
100-01-6	4-Nitroaniline	9100	U	
534-52-1	4,6-Dinitro-2-methylphenol	9100	U	UJ
86-30-6	N-nitrosodiphenylamine (1)	3600	U	
101-55-3	4-Bromophenyl-phenylether	3600	U	
118-74-1	Hexachlorobenzene	3600	U	
1912-24-9	Atrazine	3600	U	
87-86-5	Pentachlorophenol	9100	U	
85-01-8	Phenanthrene	770	J	
120-12-7	Anthracene	3600	U	
86-74-8	Carbazole	3600	U	
84-74-2	Di-n-butylphthalate	3600	U	
206-44-0	Fluoranthene	1100	J	
129-00-0	Pyrene	1500	J	
85-68-7	Butylbenzylphthalate	940	J	
91-94-1	3,3'-Dichlorobenzidine	3600	U	
56-55-3	Benzo(a)anthracene	700	J	
218-01-9	Chrysene	900	J	
117-81-7	bis(2-Ethylhexyl)phthalate	7100		
117-84-0	Di-n-octylphthalate	1900	J	
205-99-2	Benzo(b)fluoranthene	760	J	
207-08-9	Benzo(k)fluoranthene	640	J	
50-32-8	Benzo(a)pyrene	910	J	
193-39-5	Indeno(1,2,3-cd)pyrene	1200	J	
53-70-3	Dibenzo(a,h)anthracene	3600	U	
191-24-2	Benzo(g,h,i)perylene	1500	J	

(1) - Cannot be separated from Diphenylamine

JT 1/20/05

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BW8

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-04

Sample wt/vol: 30.5 (g/mL) G Lab File ID: JN181

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 19 Decanted: (Y/N) N Date Extracted:11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 9.0

GPC Cleanup: (Y/N) Y pH: 8.5 Extraction: (Type) SONC

Number TICs found: 19

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	6.59	5400	J
2.		UNKNOWN	11.45	9500	J
3.		UNKNOWN	11.51	1900	J
4.	57-10-3	HEXADECANOIC ACID	12.02	4800	NJ
5.		UNKNOWN	13.32	1800	J
6.		UNKNOWN	13.40	3900	J
7.		UNKNOWN	15.05	11000	J
8.		UNKNOWN	15.21	1700	J
9.		UNKNOWN	15.34	17000	J
10.		UNKNOWN PHTHALATE	15.51	1400	J
11.		UNKNOWN	16.00	1700	J
12.		UNKNOWN	16.16	770	J
13.		UNKNOWN	17.35	750	J
14.		UNKNOWN	17.56	1500	J
15.	36728-72-0	28-NOR-17.BETA.(H)-HOPANE	18.52	1400	NJ
16.		UNKNOWN	18.93	1700	J
17.		UNKNOWN	19.51	2200	J
18.		UNKNOWN	20.35	920	J
19.		UNKNOWN	20.98	760	J
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1/11/05

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW9

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-05

Sample wt/vol: 1.0(g/mL) G Lab File ID: JN187

Level: (low/med) MED Date Received: 10/30/04

% Moisture: 14 Decanted: (Y/N)N Date Extracted: 11/08/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	12000	U
108-95-2	Phenol	12000	U
111-44-4	bis(2-Chloroethyl)Ether	12000	U
95-57-8	2-Chlorophenol	12000	U
95-48-7	2-Methylphenol	12000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	12000	U
98-86-2	Acetophenone	12000	U
106-44-5	4-Methylphenol	12000	U
621-64-7	N-Nitroso-di-n-propylamine	12000	U
67-72-1	Hexachloroethane	12000	U
98-95-3	Nitrobenzene	12000	U
78-59-1	Isophorone	12000	U
88-75-5	2-Nitrophenol	12000	U
105-67-9	2,4-Dimethylphenol	12000	U
111-91-1	bis(2-Chloroethoxy)methane	12000	U
120-83-2	2,4-Dichlorophenol	12000	U
91-20-3	Naphthalene	12000	U
106-47-8	4-Chloroaniline	12000	U
87-68-3	Hexachlorobutadiene	12000	U
105-60-2	Caprolactam	12000	U
59-50-7	4-Chloro-3-Methylphenol	12000	U
91-57-6	2-Methylnaphthalene	12000	U
77-47-4	Hexachlorocyclopentadiene	12000	U
88-06-2	2,4,6-Trichlorophenol	12000	U
95-95-4	2,4,5-Trichlorophenol	29000	U
92-52-4	1,1'-Biphenyl	12000	U
91-58-7	2-Chloronaphthalene	12000	U
88-74-4	2-Nitroaniline	29000	U
131-11-3	Dimethylphthalate	12000	U
606-20-2	2,6-Dinitrotoluene	12000	U
208-96-8	Acenaphthylene	12000	U
99-09-2	3-Nitroaniline	29000	U
83-32-9	Acenaphthene	12000	U

1/10/05

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW9

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-05

Sample wt/vol: 1.0(g/mL) G Lab File ID: JN187

Level: (low/med) MED Date Received: 10/30/04

% Moisture: 14 Decanted: (Y/N)N Date Extracted: 11/08/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	29000	U
100-02-7	4-Nitrophenol	29000	U
132-64-9	Dibenzofuran	12000	U
121-14-2	2,4-Dinitrotoluene	12000	U
84-66-2	Diethylphthalate	12000	U
86-73-7	Fluorene	12000	U
7005-72-3	4-Chlorophenyl-phenylether	12000	U
100-01-6	4-Nitroaniline	29000	U
534-52-1	4,6-Dinitro-2-methylphenol	29000	U
86-30-6	N-nitrosodiphenylamine (1)	12000	U
101-55-3	4-Bromophenyl-phenylether	12000	U
118-74-1	Hexachlorobenzene	12000	U
1912-24-9	Atrazine	12000	U
87-86-5	Pentachlorophenol	29000	U
85-01-8	Phenanthrene	2000	J
120-12-7	Anthracene	12000	U
86-74-8	Carbazole	12000	U
84-74-2	Di-n-butylphthalate	12000	U
206-44-0	Fluoranthene	3900	J
129-00-0	Pyrene	4300	J
85-68-7	Butylbenzylphthalate	12000	U
91-94-1	3,3'-Dichlorobenzidine	12000	U
56-55-3	Benzo(a)anthracene	2100	J
218-01-9	Chrysene	3000	J
117-81-7	bis(2-Ethylhexyl)phthalate	5600	J
117-84-0	Di-n-octylphthalate	12000	U
205-99-2	Benzo(b)fluoranthene	2000	J
207-08-9	Benzo(k)fluoranthene	2200	J
50-32-8	Benzo(a)pyrene	3100	J
193-39-5	Indeno(1,2,3-cd)pyrene	3200	J
53-70-3	Dibenzo(a,h)anthracene	12000	U
191-24-2	Benzo(g,h,i)perylene	4000	J

(1) - Cannot be separated from Diphenylamine

LT 1/20/05

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BW9

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-05

Sample wt/vol: 1.0 (g/mL) G Lab File ID: JN187

Level: (low/med) MED Date Received: 10/30/04

% Moisture: 14 Decanted: (Y/N) N Date Extracted:11/08/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

Number TICs found: 14 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.		UNKNOWN	7.42	2400	J	
2.		UNKNOWN	11.45	9800	J	
3.		UNKNOWN	11.51	3900	J	
4.		UNKNOWN	12.41	2800	J	
5.		UNKNOWN	13.54	3600	J	
6.		UNKNOWN	13.98	3500	J	
7.		UNKNOWN AMIDE	15.14	18000	J	
8.		UNKNOWN	15.32	14000	JB	R
9.		UNKNOWN	15.57	4200	J	
10.		UNKNOWN	16.89	4600	J	
11.		UNKNOWN	17.43	3200	J	
12.		UNKNOWN	17.75	5900	J	
13.		UNKNOWN	18.50	7800	J	
14.		UNKNOWN PAH	19.53	6900	J	
15.						
16.						
17.						
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29.						
30.						

UT 1/20/05

412

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX0

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-06

Sample wt/vol: 1.4(g/mL) G Lab File ID: JN188

Level: (low/med) MED Date Received: 10/30/04

% Moisture: 17 Decanted: (Y/N)N Date Extracted: 11/08/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	10000	U
108-95-2	Phenol	10000	U
111-44-4	bis(2-Chloroethyl)Ether	10000	U
95-57-8	2-Chlorophenol	10000	U
95-48-7	2-Methylphenol	10000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10000	U
98-86-2	Acetophenone	10000	U
106-44-5	4-Methylphenol	10000	U
621-64-7	N-Nitroso-di-n-propylamine	10000	U
67-72-1	Hexachloroethane	10000	U
98-95-3	Nitrobenzene	10000	U
78-59-1	Isophorone	10000	U
88-75-5	2-Nitrophenol	10000	U
105-67-9	2,4-Dimethylphenol	10000	U
111-91-1	bis(2-Chloroethoxy)methane	10000	U
120-83-2	2,4-Dichlorophenol	10000	U
91-20-3	Naphthalene	10000	U
106-47-8	4-Chloroaniline	10000	U
87-68-3	Hexachlorobutadiene	10000	U
105-60-2	Caprolactam	10000	U
59-50-7	4-Chloro-3-Methylphenol	10000	U
91-57-6	2-Methylnaphthalene	10000	U
77-47-4	Hexachlorocyclopentadiene	10000	U UJ
88-06-2	2,4,6-Trichlorophenol	10000	U
95-95-4	2,4,5-Trichlorophenol	25000	U
92-52-4	1,1'-Biphenyl	10000	U
91-58-7	2-Chloronaphthalene	10000	U
88-74-4	2-Nitroaniline	25000	U
131-11-3	Dimethylphthalate	10000	U
606-20-2	2,6-Dinitrotoluene	10000	U
208-96-8	Acenaphthylene	10000	U
99-09-2	3-Nitroaniline	25000	U
83-32-9	Acenaphthene	10000	U

1/20/05

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

H1BX0

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-06

Sample wt/vol: 1.4(g/mL) G Lab File ID: JN188

Level: (low/med) MED Date Received: 10/30/04

% Moisture: 17 Decanted: (Y/N)N Date Extracted: 11/08/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	25000	U
100-02-7	4-Nitrophenol	25000	U
132-64-9	Dibenzofuran	10000	U
121-14-2	2,4-Dinitrotoluene	10000	U
84-66-2	Diethylphthalate	10000	U
86-73-7	Fluorene	1400	J
7005-72-3	4-Chlorophenyl-phenylether	10000	U
100-01-6	4-Nitroaniline	25000	U
534-52-1	4,6-Dinitro-2-methylphenol	25000	U
86-30-6	N-nitrosodiphenylamine (1)	10000	U
101-55-3	4-Bromophenyl-phenylether	10000	U
118-74-1	Hexachlorobenzene	10000	U
1912-24-9	Atrazine	10000	U
87-86-5	Pentachlorophenol	25000	U
85-01-8	Phenanthrene	20000	
120-12-7	Anthracene	5500	J
86-74-8	Carbazole	3200	J
84-74-2	Di-n-butylphthalate	10000	U
206-44-0	Fluoranthene	39000	
129-00-0	Pyrene	32000	
85-68-7	Butylbenzylphthalate	10000	U
91-94-1	3,3'-Dichlorobenzidine	10000	U
56-55-3	Benzo(a)anthracene	18000	
218-01-9	Chrysene	20000	
117-81-7	bis(2-Ethylhexyl)phthalate	4400	J
117-84-0	Di-n-octylphthalate	10000	U
205-99-2	Benzo(b)fluoranthene	11000	
207-08-9	Benzo(k)fluoranthene	15000	
50-32-8	Benzo(a)pyrene	14000	
193-39-5	Indeno(1,2,3-cd)pyrene	9200	J
53-70-3	Dibenzo(a,h)anthracene	4700	J
191-24-2	Benzo(g,h,i)perylene	8300	J

(1) - Cannot be separated from Diphenylamine

JF 1/20/05

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BX0

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-06

Sample wt/vol: 1.4 (g/mL) G Lab File ID: JN188

Level: (low/med) MED Date Received: 10/30/04

% Moisture: 17 Decanted: (Y/N) N Date Extracted:11/08/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.8 Extraction: (Type) SONC

Number TICs found: 20

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN PAH	12.22	4300	J
2.	781-43-1	9,10-DIMETHYLANTHRACENE	12.64	3000	NJ
3.		UNKNOWN	12.76	2400	J
4.		UNKNOWN PAH	13.22	2200	J
5.	238-84-6	11H-BENZO[A]FLUORENE	13.33	11000	NJ
6.	243-17-4	11H-BENZO[B]FLUORENE	13.40	4200	NJ
7.		UNKNOWN	13.63	2100	J
8.		UNKNOWN	13.76	2400	J
9.		UNKNOWN	14.01	6900	J
10.		UNKNOWN PAH	14.47	5000	J
11.	3351-32-4	2-METHYLCHRYSENE	14.83	5400	NJ
12.		UNKNOWN PAH	14.90	3800	J
13.		UNKNOWN AMIDE	15.15	7600	J
14.		UNKNOWN	15.35	10000	JB
15.	198-55-0	PERYLENE	16.43	6700	NJ
16.		UNKNOWN	17.19	3100	J
17.		UNKNOWN	17.39	5600	J
18.		UNKNOWN	17.77	5400	J
19.		UNKNOWN	18.52	5700	J
20.		UNKNOWN	20.36	2000	J
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX1

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-07

Sample wt/vol: 30.0(g/mL) G Lab File ID: JN182

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 19 Decanted: (Y/N)N Date Extracted: 11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	2000	U
108-95-2	Phenol	2000	U
111-44-4	bis(2-Chloroethyl)Ether	2000	U
95-57-8	2-Chlorophenol	2000	U
95-48-7	2-Methylphenol	2000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2000	U
98-86-2	Acetophenone	2000	U
106-44-5	4-Methylphenol	2000	U
621-64-7	N-Nitroso-di-n-propylamine	2000	U
67-72-1	Hexachloroethane	2000	U
98-95-3	Nitrobenzene	2000	U
78-59-1	Isophorone	2000	U
88-75-5	2-Nitrophenol	2000	U
105-67-9	2,4-Dimethylphenol	2000	U
111-91-1	bis(2-Chloroethoxy)methane	2000	U
120-83-2	2,4-Dichlorophenol	2000	U
91-20-3	Naphthalene	2700	
106-47-8	4-Chloroaniline	2000	U
87-68-3	Hexachlorobutadiene	2000	U
105-60-2	Caprolactam	2000	U
59-50-7	4-Chloro-3-Methylphenol	2000	U
91-57-6	2-Methylnaphthalene	3200	
77-47-4	Hexachlorocyclopentadiene	2000	U UJ
88-06-2	2,4,6-Trichlorophenol	2000	U
95-95-4	2,4,5-Trichlorophenol	5100	U
92-52-4	1,1'-Biphenyl	440	J
91-58-7	2-Chloronaphthalene	2000	U
88-74-4	2-Nitroaniline	5100	U
131-11-3	Dimethylphthalate	290	J
606-20-2	2,6-Dinitrotoluene	2000	U
208-96-8	Acenaphthylene	2000	U
99-09-2	3-Nitroaniline	5100	U
83-32-9	Acenaphthene	300	J

11/20/07

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX1

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-07

Sample wt/vol: 30.0(g/mL) G Lab File ID: JN182

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 19 Decanted: (Y/N)N Date Extracted: 11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	5100	U
100-02-7	4-Nitrophenol	5100	U
132-64-9	Dibenzofuran	2000	U
121-14-2	2,4-Dinitrotoluene	2000	U
84-66-2	Diethylphthalate	2000	U
86-73-7	Fluorene	420	J
7005-72-3	4-Chlorophenyl-phenylether	2000	U
100-01-6	4-Nitroaniline	5100	U
534-52-1	4,6-Dinitro-2-methylphenol	5100	U
86-30-6	N-nitrosodiphenylamine (1)	2000	U
101-55-3	4-Bromophenyl-phenylether	2000	U
118-74-1	Hexachlorobenzene	2000	U
1912-24-9	Atrazine	2000	U
87-86-5	Pentachlorophenol	5100	U
85-01-8	Phenanthrene	1800	J
120-12-7	Anthracene	280	J
86-74-8	Carbazole	2000	U
84-74-2	Di-n-butylphthalate	2000	U
206-44-0	Fluoranthene	920	J
129-00-0	Pyrene	1200	J
85-68-7	Butylbenzylphthalate	2000	U
91-94-1	3,3'-Dichlorobenzidine	2000	U
56-55-3	Benzo(a)anthracene	540	J
218-01-9	Chrysene	820	J
117-81-7	bis(2-Ethylhexyl)phthalate	1900	J
117-84-0	Di-n-octylphthalate	2000	U
205-99-2	Benzo(b)fluoranthene	500	J
207-08-9	Benzo(k)fluoranthene	540	J
50-32-8	Benzo(a)pyrene	530	J
193-39-5	Indeno(1,2,3-cd)pyrene	590	J
53-70-3	Dibenzo(a,h)anthracene	2000	U
191-24-2	Benzo(g,h,i)perylene	750	J

(1) - Cannot be separated from Diphenylamine

11/10/04

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BX1

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: JN182

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 19 Decanted: (Y/N) N Date Extracted:11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.7 Extraction: (Type) SONC

Number TICs found: 22

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	933-98-2	BENZENE, 1-ETHYL-2,3-DIMETHY	6.60	1300	NJ
2.	933-98-2	BENZENE, 1-ETHYL-2,3-DIMETHY	6.91	610	NJ
3.		UNKNOWN PAH	7.21	720	J
4.	90-12-0	NAPHTHALENE, 1-METHYL-	8.56	1500	NJ
5.	581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	9.24	710	NJ
6.	569-41-5	NAPHTHALENE, 1,8-DIMETHYL-	9.38	2400	NJ
7.	829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	10.34	890	NJ
8.	483-78-3	NAPHTHALENE, 1,6-DIMETHYL-4-	10.95	590	NJ
9.		UNKNOWN	11.45	720	J
10.		UNKNOWN	11.93	470	J
11.		UNKNOWN	12.02	730	J
12.	613-12-7	ANTHRACENE, 2-METHYL-	12.12	1300	NJ
13.	613-12-7	ANTHRACENE, 2-METHYL-	12.23	970	NJ
14.		UNKNOWN	12.34	590	J
15.	3674-65-5	PHENANTHRENE, 2,3-DIMETHYL-	12.64	1000	NJ
16.		UNKNOWN	14.10	940	J
17.		UNKNOWN	14.81	470	J
18.		UNKNOWN	15.34	490	J
19.		UNKNOWN	18.53	1400	J
20.		UNKNOWN	18.93	1300	J
21.		UNKNOWN	19.54	840	J
22.		UNKNOWN	20.38	1100	J
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

11/03/05

513

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX2

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-08

Sample wt/vol: 30.0(g/mL) G Lab File ID: JN192

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1900	U
108-95-2	Phenol	1900	U
111-44-4	bis(2-Chloroethyl)Ether	1900	U
95-57-8	2-Chlorophenol	1900	U
95-48-7	2-Methylphenol	1900	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1900	U
98-86-2	Acetophenone	1900	U
106-44-5	4-Methylphenol	1900	U
621-64-7	N-Nitroso-di-n-propylamine	1900	U
67-72-1	Hexachloroethane	1900	U
98-95-3	Nitrobenzene	1900	U
78-59-1	Isophorone	1900	U
88-75-5	2-Nitrophenol	1900	U
105-67-9	2,4-Dimethylphenol	1900	U
111-91-1	bis(2-Chloroethoxy)methane	1900	U
120-83-2	2,4-Dichlorophenol	1900	U
91-20-3	Naphthalene	280	J
106-47-8	4-Chloroaniline	1900	U
87-68-3	Hexachlorobutadiene	1900	U
105-60-2	Caprolactam	1900	U
59-50-7	4-Chloro-3-Methylphenol	1900	U
91-57-6	2-Methylnaphthalene	500	J
77-47-4	Hexachlorocyclopentadiene	1900	U
88-06-2	2,4,6-Trichlorophenol	1900	U
95-95-4	2,4,5-Trichlorophenol	4800	U
92-52-4	1,1'-Biphenyl	1900	U
91-58-7	2-Chloronaphthalene	1900	U
88-74-4	2-Nitroaniline	4800	U
131-11-3	Dimethylphthalate	1900	U
606-20-2	2,6-Dinitrotoluene	1900	U
208-96-8	Acenaphthylene	1900	U
99-09-2	3-Nitroaniline	4800	U
83-32-9	Acenaphthene	1900	U

11/10/05

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX2

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-08

Sample wt/vol: 30.0(g/mL) G Lab File ID: JN192

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
51-28-5	2,4-Dinitrophenol	4800	U	UJ
100-02-7	4-Nitrophenol	4800	U	UJ
132-64-9	Dibenzofuran	1900	U	
121-14-2	2,4-Dinitrotoluene	1900	U	
84-66-2	Diethylphthalate	1900	U	
86-73-7	Fluorene	1900	U	
7005-72-3	4-Chlorophenyl-phenylether	1900	U	
100-01-6	4-Nitroaniline	4800	U	
534-52-1	4,6-Dinitro-2-methylphenol	4800	U	UJ
86-30-6	N-nitrosodiphenylamine (1)	1900	U	
101-55-3	4-Bromophenyl-phenylether	1900	U	
118-74-1	Hexachlorobenzene	1900	U	
1912-24-9	Atrazine	1900	U	
87-86-5	Pentachlorophenol	4800	U	
85-01-8	Phenanthrene	860	J	
120-12-7	Anthracene	280	J	
86-74-8	Carbazole	1900	U	
84-74-2	Di-n-butylphthalate	230	J	
206-44-0	Fluoranthene	1400	J	
129-00-0	Pyrene	1400	J	
85-68-7	Butylbenzylphthalate	1900	U	
91-94-1	3,3'-Dichlorobenzidine	1900	U	
56-55-3	Benzo(a)anthracene	660	J	
218-01-9	Chrysene	960	J	
117-81-7	bis(2-Ethylhexyl)phthalate	1500	J	
117-84-0	Di-n-octylphthalate	1900	U	
205-99-2	Benzo(b)fluoranthene	890	J	
207-08-9	Benzo(k)fluoranthene	770	J	
50-32-8	Benzo(a)pyrene	830	J	
193-39-5	Indeno(1,2,3-cd)pyrene	320	J	
53-70-3	Dibenzo(a,h)anthracene	1900	U	
191-24-2	Benzo(g,h,i)perylene	1900	U	

(1) - Cannot be separated from Diphenylamine

LT 1/20/05

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BX2

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: JN192

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 13 Decanted: (Y/N) N Date Extracted:11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.8 Extraction: (Type) SONC

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	571-61-9	NAPHTHALENE, 1,5-DIMETHYL-	9.38	2100	NJ
2.	829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	10.34	1700	NJ
3.	483-78-3	NAPHTHALENE, 1,6-DIMETHYL-4-	10.96	1500	NJ
4.		UNKNOWN	11.46	660	J
5.		UNKNOWN	12.35	1400	J
6.		UNKNOWN	12.67	620	J
7.		UNKNOWN	15.40	1800	J
8.		UNKNOWN	15.49	5300	J
9.		UNKNOWN	15.83	4500	J
10.		UNKNOWN	17.16	5400	J
11.		UNKNOWN	17.85	6100	J
12.		UNKNOWN	18.22	2100	J
13.		UNKNOWN	18.62	6200	J
14.		UNKNOWN	19.05	2400	J
15.		UNKNOWN	19.63	2600	J
16.		UNKNOWN	19.74	5600	J
17.		UNKNOWN	20.12	2600	J
18.		UNKNOWN	20.47	1900	J
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

11/10/05

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX3

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-09

Sample wt/vol: 30.5(g/mL) G Lab File ID: JN183

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 27 Decanted: (Y/N)Y Date Extracted: 11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) Y pH: 8.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)Ether	1300	U
95-57-8	2-Chlorophenol	1300	U
95-48-7	2-Methylphenol	1300	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1300	U
98-86-2	Acetophenone	1300	U
106-44-5	4-Methylphenol	1300	U
621-64-7	N-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
105-60-2	Caprolactam	1300	U
59-50-7	4-Chloro-3-Methylphenol	1300	U
91-57-6	2-Methylnaphthalene	160	J
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
95-95-4	2,4,5-Trichlorophenol	3400	U
92-52-4	1,1'-Biphenyl	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	3400	U
131-11-3	Dimethylphthalate	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
208-96-8	Acenaphthylene	1300	U
99-09-2	3-Nitroaniline	3400	U
83-32-9	Acenaphthene	1300	U

1/20/05

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX3

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-09

Sample wt/vol: 30.5(g/mL) G Lab File ID: JN183

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 27 Decanted: (Y/N)Y Date Extracted: 11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) Y pH: 8.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	3400	U
100-02-7	4-Nitrophenol	3400	U
132-64-9	Dibenzofuran	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	3400	U
534-52-1	4,6-Dinitro-2-methylphenol	3400	U
86-30-6	N-nitrosodiphenylamine (1)	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
1912-24-9	Atrazine	1300	U
87-86-5	Pentachlorophenol	3400	U
85-01-8	Phenanthrene	750	J
120-12-7	Anthracene	1300	U
86-74-8	Carbazole	1300	U
84-74-2	Di-n-butylphthalate	1200	J
206-44-0	Fluoranthene	850	J
129-00-0	Pyrene	680	J
85-68-7	Butylbenzylphthalate	1400	
91-94-1	3,3'-Dichlorobenzidine	1300	U
56-55-3	Benzo(a)anthracene	330	J
218-01-9	Chrysene	540	J
117-81-7	bis(2-Ethylhexyl)phthalate	3000	
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo(b)fluoranthene	370	J
207-08-9	Benzo(k)fluoranthene	290	J
50-32-8	Benzo(a)pyrene	390	J
193-39-5	Indeno(1,2,3-cd)pyrene	280	J
53-70-3	Dibenzo(a,h)anthracene	1300	U
191-24-2	Benzo(g,h,i)perylene	420	J

(1) - Cannot be separated from Diphenylamine

11/04/07

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BX3

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-09

Sample wt/vol: 30.5 (g/mL) G Lab File ID: JN183

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 27 Decanted: (Y/N) Y Date Extracted:11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) Y pH: 8.6 Extraction: (Type) SONC

Number TICs found: 16

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	7.37	280	J
2.		UNKNOWN	8.76	270	J
3.		UNKNOWN	9.37	410	J
4.	483-78-3	NAPHTHALENE, 1,6-DIMETHYL-4-	10.95	380	NJ
5.	57-10-3	HEXADECANOIC ACID	12.02	1600	NJ
6.		UNKNOWN	12.70	580	J
7.		UNKNOWN FATTY ACID	12.75	1500	J
8.		UNKNOWN	13.27	1300	J
9.		UNKNOWN	15.14	960	J
10.		UNKNOWN	15.34	1100	J
11.		UNKNOWN	15.67	400	J
12.		UNKNOWN	15.75	2100	J
13.		UNKNOWN	16.94	1900	J
14.		UNKNOWN	17.37	1900	J
15.		UNKNOWN	18.52	1300	J
16.		UNKNOWN	18.96	360	J
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

11/20/05

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX4

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-10

Sample wt/vol: 30.2(g/mL) G Lab File ID: JN193

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 16 Decanted: (Y/N)N Date Extracted: 11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	2000	U
108-95-2	Phenol	2000	U
111-44-4	bis(2-Chloroethyl)Ether	2000	U
95-57-8	2-Chlorophenol	2000	U
95-48-7	2-Methylphenol	2000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2000	U
98-86-2	Acetophenone	2000	U
106-44-5	4-Methylphenol	2000	U
621-64-7	N-Nitroso-di-n-propylamine	2000	U
67-72-1	Hexachloroethane	2000	U
98-95-3	Nitrobenzene	2000	U
78-59-1	Isophorone	2000	U
88-75-5	2-Nitrophenol	2000	U
105-67-9	2,4-Dimethylphenol	2000	U
111-91-1	bis(2-Chloroethoxy)methane	2000	U
120-83-2	2,4-Dichlorophenol	2000	U
91-20-3	Naphthalene	2000	U
106-47-8	4-Chloroaniline	2000	U
87-68-3	Hexachlorobutadiene	2000	U
105-60-2	Caprolactam	2000	U
59-50-7	4-Chloro-3-Methylphenol	2000	U
91-57-6	2-Methylnaphthalene	2000	U
77-47-4	Hexachlorocyclopentadiene	2000	U UJ
88-06-2	2,4,6-Trichlorophenol	2000	U
95-95-4	2,4,5-Trichlorophenol	4900	U
92-52-4	1,1'-Biphenyl	2000	U
91-58-7	2-Chloronaphthalene	2000	U
88-74-4	2-Nitroaniline	4900	U
131-11-3	Dimethylphthalate	680	J
606-20-2	2,6-Dinitrotoluene	2000	U
208-96-8	Acenaphthylene	2000	U
99-09-2	3-Nitroaniline	4900	U
83-32-9	Acenaphthene	2000	U

LT 1/20/05

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX4

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-10

Sample wt/vol: 30.2(g/mL) G Lab File ID: JN193

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 16 Decanted: (Y/N)N Date Extracted: 11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4900	U
100-02-7	4-Nitrophenol	4900	U
132-64-9	Dibenzofuran	2000	U
121-14-2	2,4-Dinitrotoluene	2000	U
84-66-2	Diethylphthalate	2000	U
86-73-7	Fluorene	2000	U
7005-72-3	4-Chlorophenyl-phenylether	2000	U
100-01-6	4-Nitroaniline	4900	U
534-52-1	4,6-Dinitro-2-methylphenol	4900	U
86-30-6	N-nitrosodiphenylamine (1)	2000	U
101-55-3	4-Bromophenyl-phenylether	2000	U
118-74-1	Hexachlorobenzene	2000	U
1912-24-9	Atrazine	2000	U
87-86-5	Pentachlorophenol	4900	U
85-01-8	Phenanthrene	620	J
120-12-7	Anthracene	210	J
86-74-8	Carbazole	2000	U
84-74-2	Di-n-butylphthalate	250	J
206-44-0	Fluoranthene	1200	J
129-00-0	Pyrene	1100	J
85-68-7	Butylbenzylphthalate	390	J
91-94-1	3,3'-Dichlorobenzidine	2000	U
56-55-3	Benzo(a)anthracene	650	J
218-01-9	Chrysene	850	J
117-81-7	bis(2-Ethylhexyl)phthalate	3100	
117-84-0	Di-n-octylphthalate	2000	U
205-99-2	Benzo(b)fluoranthene	670	J
207-08-9	Benzo(k)fluoranthene	670	J
50-32-8	Benzo(a)pyrene	630	J
193-39-5	Indeno(1,2,3-cd)pyrene	330	J
53-70-3	Dibenzo(a,h)anthracene	2000	U
191-24-2	Benzo(g,h,i)perylene	290	J

(1) - Cannot be separated from Diphenylamine

11/20/04

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

H1BX4

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-10

Sample wt/vol: 30.2 (g/mL) G Lab File ID: JN193

Level: (low/med) LOW Date Received: 10/30/04

% Moisture: 16 Decanted: (Y/N) N Date Extracted:11/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/10/04

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.7 Extraction: (Type) SONC

Number TICs found: 14

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	569-41-5	NAPHTHALENE, 1,8-DIMETHYL-	9.38	700	NJ
2.	829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	10.34	580	NJ
3.	483-78-3	NAPHTHALENE, 1,6-DIMETHYL-4-	10.96	830	NJ
4.	55720-40-6	NAPHTHALENE, 2,3,6-TRICHLORO	11.34	560	NJ
5.		UNKNOWN	11.46	5900	J
6.		UNKNOWN	11.51	2100	J
7.	57-10-3	HEXADECANOIC ACID	12.03	740	NJ
8.		UNKNOWN	12.24	790	J
9.		UNKNOWN	12.43	770	J
10.		UNKNOWN	12.77	2900	J
11.		UNKNOWN PAH	13.35	880	J
12.		UNKNOWN	15.38	1400	J
13.		UNKNOWN	16.95	2300	J
14.		UNKNOWN	18.57	1700	J
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

VT 1/20/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW5

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-01

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 20 Decanted: (Y/N) N Date Received: 10/30/04

Extraction: (Type) SONC Date Extracted: 11/02/04

Concentrated Extract Volume: 5000(uL) Date Analyzed: 11/08/04

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	21	U
319-85-7	beta-BHC	21	U
319-86-8	delta-BHC	21	U
58-89-9	gamma-BHC (Lindane)	21	U
76-44-8	Heptachlor	21	U
309-00-2	Aldrin	21	U
1024-57-3	Heptachlor epoxide	21	U
959-98-8	Endosulfan I	21	U
60-57-1	Dieldrin	41	U
72-55-9	4,4'-DDE	41	U
72-20-8	Endrin	41	U
33213-65-9	Endosulfan II	41	U
72-54-8	4,4'-DDD	41	U
1031-07-8	Endosulfan sulfate	41	U
50-29-3	4,4'-DDT	41	U
72-43-5	Methoxychlor	210	U
53494-70-5	Endrin ketone	41	U
7421-93-4	Endrin aldehyde	41	U
5103-71-9	alpha-Chlordane	21	U
5103-74-2	gamma-Chlordane	40	P
8001-35-2	Toxaphene	2100	U
12674-11-2	Aroclor-1016	410	U
11104-28-2	Aroclor-1221	840	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	1800	P
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	970	
11096-82-5	Aroclor-1260	410	U

JT 1/20/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW6

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-02

Sample wt/vol: 30.3(g/mL) G Lab File ID: _____

% Moisture: 26 Decanted: (Y/N) N Date Received: 10/30/04

Extraction: (Type) SONC Date Extracted: 11/02/04

Concentrated Extract Volume: 5000(uL) Date Analyzed: 11/08/04

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	23	U
319-85-7	beta-BHC	23	U
319-86-8	delta-BHC	23	U
58-89-9	gamma-BHC (Lindane)	23	U
76-44-8	Heptachlor	23	U
309-00-2	Aldrin	38	P
1024-57-3	Heptachlor epoxide	23	U
959-98-8	Endosulfan I	23	U
60-57-1	Dieldrin	44	U
72-55-9	4,4'-DDE	44	U
72-20-8	Endrin	44	U
33213-65-9	Endosulfan II	44	U
72-54-8	4,4'-DDD	44	U
1031-07-8	Endosulfan sulfate	44	U
50-29-3	4,4'-DDT	44	U
72-43-5	Methoxychlor	230	U
53494-70-5	Endrin ketone	44	U
7421-93-4	Endrin aldehyde	53	
5103-71-9	alpha-Chlordane	23	U
5103-74-2	gamma-Chlordane	28	P
8001-35-2	Toxaphene	2300	U
12674-11-2	Aroclor-1016	440	U
11104-28-2	Aroclor-1221	900	U
11141-16-5	Aroclor-1232	440	U
53469-21-9	Aroclor-1242	730	P
12672-29-6	Aroclor-1248	440	U
11097-69-1	Aroclor-1254	1100	
11096-82-5	Aroclor-1260	440	U

11/20/04

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW7

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-03

Sample wt/vol: 30.3(g/mL) G Lab File ID: _____

% Moisture: 23 Decanted: (Y/N) N Date Received: 10/30/04

Extraction: (Type) SONC Date Extracted: 11/02/04

Concentrated Extract Volume: 5000(uL) Date Analyzed: 11/09/04

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
319-84-6	alpha-BHC	22	U	
319-85-7	beta-BHC	37	P	J
319-86-8	delta-BHC	22	U	
58-89-9	gamma-BHC (Lindane)	22	U	
76-44-8	Heptachlor	22	U	
309-00-2	Aldrin	53	P	J
1024-57-3	Heptachlor epoxide	22	U	
959-98-8	Endosulfan I	22	U	
60-57-1	Dieldrin	42	U	
72-55-9	4,4'-DDE	42	U	
72-20-8	Endrin	42	U	
33213-65-9	Endosulfan II	42	U	
72-54-8	4,4'-DDD	42	U	
1031-07-8	Endosulfan sulfate	42	U	
50-29-3	4,4'-DDT	97	P	J
72-43-5	Methoxychlor	220	U	
53494-70-5	Endrin ketone	42	U	
7421-93-4	Endrin aldehyde	42	U	
5103-71-9	alpha-Chlordane	23		
5103-74-2	gamma-Chlordane	50	P	J
8001-35-2	Toxaphene	2200	U	
12674-11-2	Aroclor-1016	420	U	
11104-28-2	Aroclor-1221	860	U	
11141-16-5	Aroclor-1232	420	U	
53469-21-9	Aroclor-1242	1600	P	J
12672-29-6	Aroclor-1248	420	U	
11097-69-1	Aroclor-1254	1500	P	J
11096-82-5	Aroclor-1260	420	U	

11/30/04

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW8

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-04

Sample wt/vol: 30.2(g/mL) G Lab File ID: _____

% Moisture: 19 Decanted: (Y/N) N Date Received: 10/30/04

Extraction: (Type) SONC Date Extracted: 11/02/04

Concentrated Extract Volume: 5000(uL) Date Analyzed: 11/09/04

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
319-84-6	alpha-BHC	21	U	
319-85-7	beta-BHC	27	P	J
319-86-8	delta-BHC	21	U	
58-89-9	gamma-BHC (Lindane)	21	U	
76-44-8	Heptachlor	21	U	
309-00-2	Aldrin	96		
1024-57-3	Heptachlor epoxide	21	U	
959-98-8	Endosulfan I	21	U	
60-57-1	Dieldrin	40	U	
72-55-9	4,4'-DDE	40	U	
72-20-8	Endrin	40	U	
33213-65-9	Endosulfan II	40	U	
72-54-8	4,4'-DDD	40	U	
1031-07-8	Endosulfan sulfate	40	U	
50-29-3	4,4'-DDT	80	P	J
72-43-5	Methoxychlor	210	U	
53494-70-5	Endrin ketone	40	U	
7421-93-4	Endrin aldehyde	67	P	J
5103-71-9	alpha-Chlordane	21	U	
5103-74-2	gamma-Chlordane	47	P	J
8001-35-2	Toxaphene	2100	U	
12674-11-2	Aroclor-1016	400	U	
11104-28-2	Aroclor-1221	820	U	
11141-16-5	Aroclor-1232	400	U	
53469-21-9	Aroclor-1242	1100	P	J
12672-29-6	Aroclor-1248	400	U	
11097-69-1	Aroclor-1254	1100		
11096-82-5	Aroclor-1260	400	U	

CT 1/20/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BW9

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-05

Sample wt/vol: 30.5(g/mL) G Lab File ID: _____

% Moisture: 14 Decanted: (Y/N) N Date Received: 10/30/04

Extraction: (Type) SONC Date Extracted: 11/02/04

Concentrated Extract Volume: 5000(uL) Date Analyzed: 11/09/04

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
319-84-6	alpha-BHC	19	U	
319-85-7	beta-BHC	41	P	J
319-86-8	delta-BHC	19	U	
58-89-9	gamma-BHC (Lindane)	19	U	
76-44-8	Heptachlor	19	U	
309-00-2	Aldrin	19	U	
1024-57-3	Heptachlor epoxide	19	U	
959-98-8	Endosulfan I	19	U	
60-57-1	Dieldrin	38	U	
72-55-9	4,4'-DDE	38	U	
72-20-8	Endrin	38	U	
33213-65-9	Endosulfan II	38	U	
72-54-8	4,4'-DDD	38	U	
1031-07-8	Endosulfan sulfate	38	U	
50-29-3	4,4'-DDT	48	P	J
72-43-5	Methoxychlor	190	U	
53494-70-5	Endrin ketone	38	U	
7421-93-4	Endrin aldehyde	54	P	J
5103-71-9	alpha-Chlordane	19	U	
5103-74-2	gamma-Chlordane	54	P	J
8001-35-2	Toxaphene	1900	U	
12674-11-2	Aroclor-1016	380	U	
11104-28-2	Aroclor-1221	770	U	
11141-16-5	Aroclor-1232	380	U	
53469-21-9	Aroclor-1242	1300	P	J
12672-29-6	Aroclor-1248	380	U	
11097-69-1	Aroclor-1254	1300		
11096-82-5	Aroclor-1260	380	U	

LT 1/20/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX0

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-06

Sample wt/vol: 30.1(g/mL) G Lab File ID: _____

% Moisture: 17 Decanted: (Y/N) N Date Received: 10/30/04

Extraction: (Type) SONC Date Extracted: 11/02/04

Concentrated Extract Volume: 5000(uL) Date Analyzed: 11/09/04

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
319-84-6	alpha-BHC	20	U	
319-85-7	beta-BHC	160		
319-86-8	delta-BHC	20	U	
58-89-9	gamma-BHC (Lindane)	20	U	
76-44-8	Heptachlor	20	U	
309-00-2	Aldrin	20	U	
1024-57-3	Heptachlor epoxide	28		
959-98-8	Endosulfan I	20	U	
60-57-1	Dieldrin	40	U	
72-55-9	4,4'-DDE	40	U	
72-20-8	Endrin	40	U	
33213-65-9	Endosulfan II	40	U	
72-54-8	4,4'-DDD	40	U	
1031-07-8	Endosulfan sulfate	40	U	
50-29-3	4,4'-DDT	82	P	J
72-43-5	Methoxychlor	200	U	
53494-70-5	Endrin ketone	40	U	
7421-93-4	Endrin aldehyde	54	P	J
5103-71-9	alpha-Chlordane	20	U	
5103-74-2	gamma-Chlordane	70	P	J
8001-35-2	Toxaphene	2000	U	
12674-11-2	Aroclor-1016	400	U	
11104-28-2	Aroclor-1221	800	U	
11141-16-5	Aroclor-1232	400	U	
53469-21-9	Aroclor-1242	1600	P	J
12672-29-6	Aroclor-1248	400	U	
11097-69-1	Aroclor-1254	1000	P	J
11096-82-5	Aroclor-1260	400	U	

1/20/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX1

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-07

Sample wt/vol: 30.3(g/mL) G Lab File ID: _____

% Moisture: 19 Decanted: (Y/N) N Date Received: 10/30/04

Extraction: (Type) SONC Date Extracted: 11/02/04

Concentrated Extract Volume: 5000(uL) Date Analyzed: 11/09/04

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.7 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	21	U
319-85-7	beta-BHC	21	U
319-86-8	delta-BHC	21	U
58-89-9	gamma-BHC (Lindane)	21	U
76-44-8	Heptachlor	21	U
309-00-2	Aldrin	23	P
1024-57-3	Heptachlor epoxide	21	U
959-98-8	Endosulfan I	21	U
60-57-1	Dieldrin	40	U
72-55-9	4,4'-DDE	40	U
72-20-8	Endrin	40	U
33213-65-9	Endosulfan II	40	U
72-54-8	4,4'-DDD	40	U
1031-07-8	Endosulfan sulfate	40	U
50-29-3	4,4'-DDT	40	U
72-43-5	Methoxychlor	210	U
53494-70-5	Endrin ketone	40	U
7421-93-4	Endrin aldehyde	40	U
5103-71-9	alpha-Chlordane	21	U
5103-74-2	gamma-Chlordane	21	U
8001-35-2	Toxaphene	2100	U
12674-11-2	Aroclor-1016	400	U
11104-28-2	Aroclor-1221	820	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	450	P
12672-29-6	Aroclor-1248	400	U
11097-69-1	Aroclor-1254	490	
11096-82-5	Aroclor-1260	400	U

CT 1/20/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX2

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-08

Sample wt/vol: 30.5(g/mL) G Lab File ID: _____

% Moisture: 13 Decanted: (Y/N) N Date Received: 10/30/04

Extraction: (Type) SONC Date Extracted: 11/02/04

Concentrated Extract Volume: 5000(uL) Date Analyzed: 11/09/04

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	22	P
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	26	P
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	37	U
72-55-9	4,4'-DDE	37	U
72-20-8	Endrin	37	U
33213-65-9	Endosulfan II	37	U
72-54-8	4,4'-DDD	37	U
1031-07-8	Endosulfan sulfate	37	U
50-29-3	4,4'-DDT	37	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	37	U
7421-93-4	Endrin aldehyde	37	U
5103-71-9	alpha-Chlordane	19	U
5103-74-2	gamma-Chlordane	23	P
8001-35-2	Toxaphene	1900	U
12674-11-2	Aroclor-1016	370	U
11104-28-2	Aroclor-1221	760	U
11141-16-5	Aroclor-1232	370	U
53469-21-9	Aroclor-1242	490	P
12672-29-6	Aroclor-1248	370	U
11097-69-1	Aroclor-1254	430	
11096-82-5	Aroclor-1260	370	U

UT 1/10/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX3

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-09

Sample wt/vol: 30.2(g/mL) G Lab File ID: _____

% Moisture: 27 Decanted: (Y/N) Y Date Received: 10/30/04

Extraction: (Type) SONC Date Extracted: 11/02/04

Concentrated Extract Volume: 5000(uL) Date Analyzed: 11/09/04

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	23	U
319-85-7	beta-BHC	23	U
319-86-8	delta-BHC	23	U
58-89-9	gamma-BHC (Lindane)	23	U
76-44-8	Heptachlor	23	U
309-00-2	Aldrin	33	
1024-57-3	Heptachlor epoxide	23	U
959-98-8	Endosulfan I	23	U
60-57-1	Dieldrin	45	U
72-55-9	4,4'-DDE	45	U
72-20-8	Endrin	45	U
33213-65-9	Endosulfan II	45	U
72-54-8	4,4'-DDD	45	U
1031-07-8	Endosulfan sulfate	45	U
50-29-3	4,4'-DDT	99	P
72-43-5	Methoxychlor	230	U
53494-70-5	Endrin ketone	45	U
7421-93-4	Endrin aldehyde	45	U
5103-71-9	alpha-Chlordane	23	U
5103-74-2	gamma-Chlordane	26	P
8001-35-2	Toxaphene	2300	U
12674-11-2	Aroclor-1016	450	U
11104-28-2	Aroclor-1221	910	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	890	
11096-82-5	Aroclor-1260	450	U

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1/20/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1BX4

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33461 SAS No.: SDG No.: H1BW5

Matrix: (soil/water) SOIL Lab Sample ID: 041207-10

Sample wt/vol: 30.3(g/mL) G Lab File ID: _____

% Moisture: 16 Decanted: (Y/N) N Date Received: 10/30/04

Extraction: (Type) SONC Date Extracted: 11/02/04

Concentrated Extract Volume: 5000(uL) Date Analyzed: 11/09/04

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.7 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	100	P
1024-57-3	Heptachlor epoxide	20	U
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	39	U
72-55-9	4,4'-DDE	39	U
72-20-8	Endrin	39	U
33213-65-9	Endosulfan II	39	U
72-54-8	4,4'-DDD	39	U
1031-07-8	Endosulfan sulfate	39	U
50-29-3	4,4'-DDT	160	P
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	42	P
7421-93-4	Endrin aldehyde	39	U
5103-71-9	alpha-Chlordane	20	U
5103-74-2	gamma-Chlordane	64	P
8001-35-2	Toxaphene	2000	U
12674-11-2	Aroclor-1016	390	U
11104-28-2	Aroclor-1221	790	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	3400	
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	1600	
11096-82-5	Aroclor-1260	390	U

LT 1/20/05